

Project Nexus Delivery Group [PNDG] Status Report

18 October 2016

Covering the period: 30 Sep 16 – 13 Oct 16

ofgem

Agenda

#	Title	Slide
1	Agenda and Approval of PNDG minutes	2
2	Programme Status Report	3 - 4
3	Work stream Updates	5 - 44
4	Appendices	45 - 63

Minutes can be found on the **ofgem** website at:
<https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus>
















Programme Status Report

Project Nexus: As @ 11 Oct 16

Sponsor: Jon Dixon

PMO: Melisa Findlay

End Date: 01 Jun 17











RAG Status	Solution Delivery	Market Trials	Data	Transition	GONG
Overall	 ↔	 ↓	 ↔	 ↔	Omitted from this report
Xoserve	 ↔	 ↔	 ↔	 ↔	
Baringa <small>(view of Xoserve)</small>	 ↔	 ↔	 ↔	 ↔	
Participants	N/A	 ↔	 ↔	 ↔	

Programme Status: 

Programme Trend: ↔

Since:

27 Sep 16

 Significant risk to go-live - Immediate mitigation required	 Increased risk to Go-live - Urgent mitigation required	 Go-live at risk – manageable with mitigation	 On track but being closely monitored	 On Track	 Complete	 N/A or No information	 Increase in severity since previous report	 No Change in Status	 Decrease in severity since previous report
---	--	--	--	--	--	---	--	---	--

Project Nexus Programme Background: Project Nexus is the implementation of new business processes for gas settlement reform and single service provision for GT and iGT's with the central system being delivered as part of Xoserve's UK Link Programme. The programme involves participation from shippers, gas transporters, independent gas transporters and Xoserve. This report structures the programme into five workstreams: Project Delivery (Solutions and Services); Market Trials; Data (Migration and Cleansing); Transition; and GONG.

Overall RAG Commentary:

Against a new baseline plan of 01 Jun 17, the programme continues to be assessed as an Amber / Green rating.

Data: Confidence has improved as good progress has been made with data load testing in IDR1.

Market Trials: The level of control imposed over the Managed MT activity is providing greater levels of transparency and allowing Xoserve and participants to be better focused. At the time of reporting 6 participants have completed testing with a further 3 expected to complete shortly. However, progress by some other participants has been slower than expected and this has caused a move to Amber status overall for MT due to the risk created by participants extending testing beyond 11 Nov 16.

Solution Delivery: The Amber/Green rating is due to some PT defects that will require some later activity to re-test (it is believed that this can be accommodated within plan contingency). In addition, the timely delivery of CRs to support code stability remains on the critical path.

Activities since last PNDG:

- Managed MT activity.
- Undertake RAG rating of all Milestones.
- Xoserve's IDR1.
- First RIAG held 6 and 7 Oct 16.

Remediation Action:

Data: Xoserve are continuing to prioritise defects Data Fix and Prove cycles outside of a IDR for resolution. Xoserve are also undertaking a RCA on the Delta defects to support rapid and complete resolution.

Market Trials: A phase of managed activity has been enacted, driving the development of an industry wide test plan. Ongoing support is being provided to track participants through closure of outstanding test scenarios. Where participants are expected to extend beyond 11 Nov 16 additional scrutiny is being applied to understand any constraints and develop a plan. In addition selected participants will be assessed for their completeness and appropriateness of test activities against go-live criteria.

Solution Delivery: The fix plan for Stress Test defects is to be escalated and will remain the key focus for the Stress Test team in TC 3. CR delivery and code stability will be closely monitored with the process to get to code stability being reviewed by RIAG.

Upcoming activities:

- Solution Delivery continue with the completion of TC 3.
- Managed MT activity.
- Post IDR1 activities and lessons learnt.
- Development of Transition communication products to aide go-live.

Enactment of Contingency

Context

- The current baseline of the Project Nexus Implementation Plan has a 01 Jun 17 go-live date.
- A 1 month contingency period has been identified and may be invoked at Ofgem's discretion.
- The decision to enact this contingency period will be managed through three key checkpoints. These checkpoints have been established at points in time where it is believed we will obtain greater certainty on delivery and will enable a decision to be taken on either retaining a 01 Jun 17 go-live date or if the contingency period should be invoked. These dates are:

Checkpoint Date	Measures
19 November	Successful completion of Delta Test Cycle 3 and Market Trials Exit
23 December	Successful completion of Delta Test Cycle 4 and on track for Market Trials Code Stability
27 January	Successful completion of first Delta Test Cycle contingency run (if required)

Solution Delivery Status Report

Project Nexus: As @ 11 Oct 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Project Delivery
Overall	
Xoserve	
Baringa <small>(view of Xoserve)</small>	
Participants	N/A

Workstream Status:

Programme Trend:

Since: 27 Sep 16

Solution Delivery Background: The Solution Delivery Workstream covers Xoserve UK Link Programme Delivery - the development of the new UK Link solution including user acceptance testing and performance testing, and Service Operations - the design and implementation of Xoserve's new and revised service management arrangements. Service Operations includes the implementation of a new service management operating model, training in the new service management arrangements and the design and implementation of post implementation support (including hypercare) arrangements.

Overall RAG Commentary: Against a 01 June 17 go-live, Solution Delivery is assessed as Amber / Green due to:

- PT (PN1.0) is to due to complete prior to 31 Oct 16 due although there is a risk of residual defects which may require retesting in a subsequent activity.
- CR delivery risk remains to achieve code stability, due to pressure from MT extension and UAT E2E closure. CR delivery commenced on 03 Oct 16 and is tracking to plan.
- Near term release principles SO2.1 – Although Red this MS has been deprioritized for IDR 1 and will be issued for end of Oct

Achievements since last PNDG:

- Stress defects identified in TC 2 continue to be tuned and will be retested prior to introduction into relevant TC 3 scenarios.
- Where TC 3 scenarios are not blocked by tuning, TC 2 defects, TC 3 execution is now underway (scenario 1 and scenario 2 complete as of 10 Oct 16 and positive results have been seen i.e. no major defects raised).
- 4 Impact Assessments have been received this period for non functional CRs that have been identified as currently requiring delivery ahead of Go Live.

Remediation Action: The fix plan for Stress Test defects is to be escalated and will remain the key focus for the Stress Test team in TC 3.

- 5 non functional CR Impact Assessments are currently in business review for approval to move into delivery. 2 additional CR are currently awaiting impact assessments.
- Baringa are to perform an assurance review of non-code stability impacting CR to validate classification.
- Co-location / offshoring plans are in place for next 3 weeks to drive activity to close out.

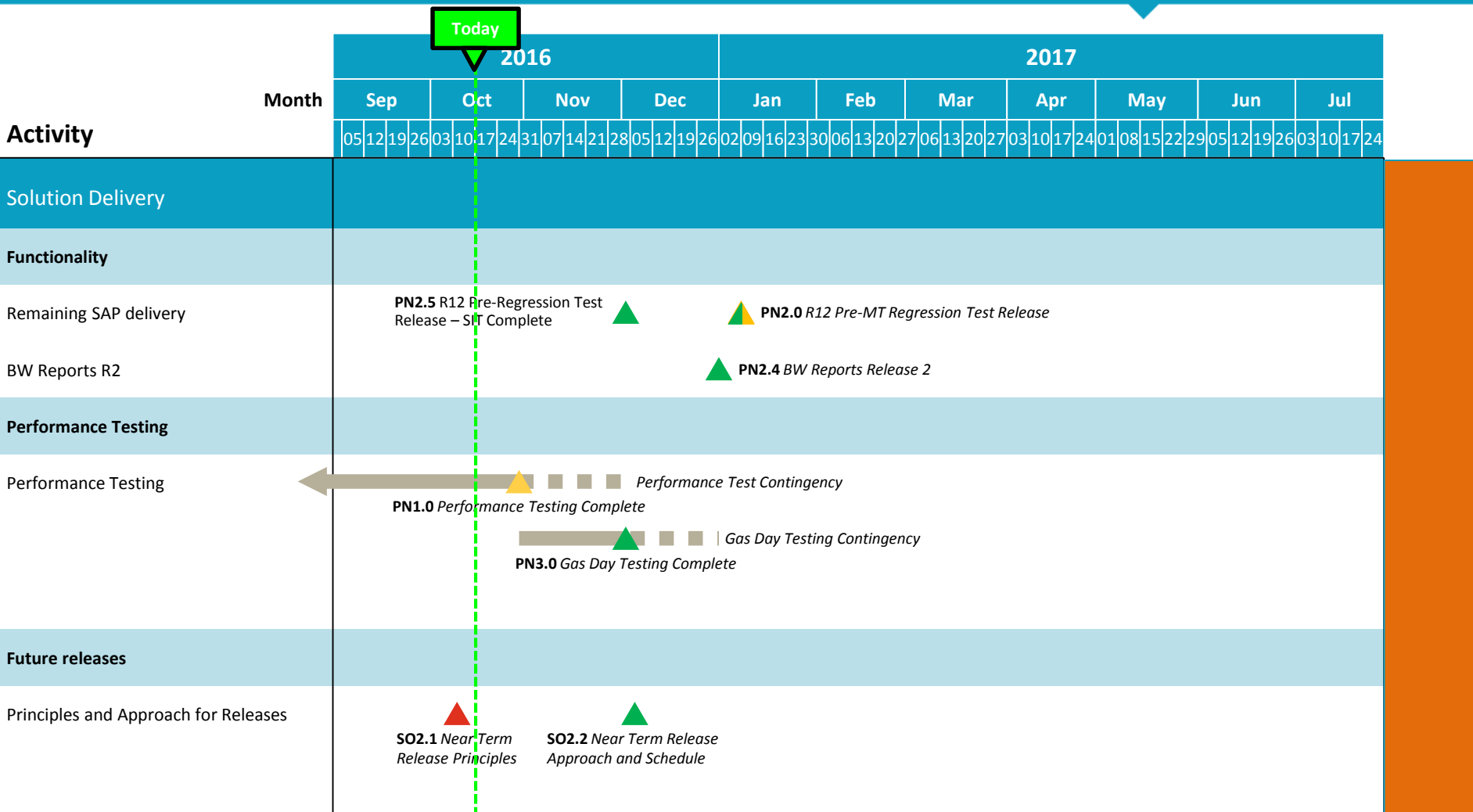
Upcoming activities:

- Continue TC 3 (Stress Test) including any retesting fixes and issues – scenario 3 commenced 11 Oct 16.
- PT planned end date is currently 24 Oct 16, although this is at risk.
- Closeout of code stability impacting CRs prior to the start of Regression testing.

Test Cycle Statistics:

Scenarios	1	2	3	4	5
TC 1	Complete				
TC 2	Complete				
TC 3	Complete	Complete	29 Sep 16 (Start) – 23 Oct 16 (End)		

Solution Delivery Plan

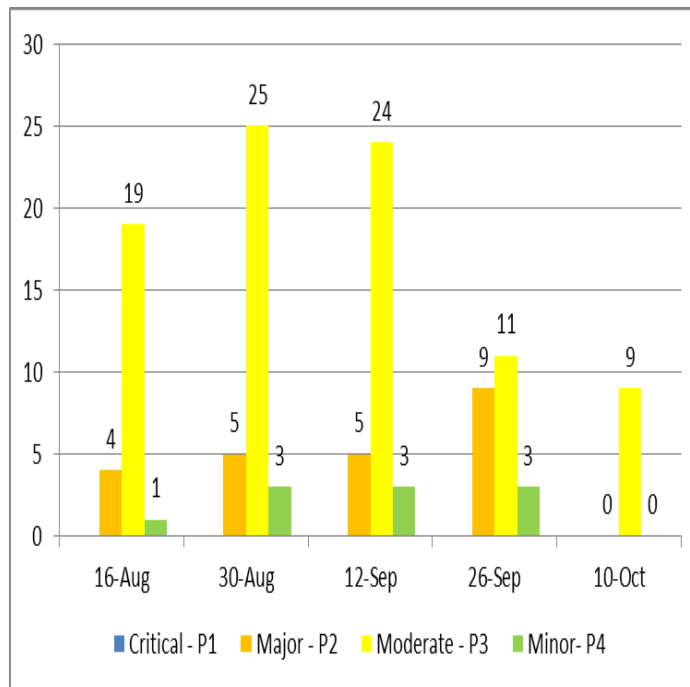


Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- Slip/expected delay of milestone

Solution Delivery - Dashboard

Open Xoserve UAT Defect Status



Graph Commentary:

- More focus has been applied to close down UAT and aged defects, hence drop in numbers.
- Unique Sites testing on real data has been completed and defects resolved and retested.

Project Delivery Commentary:

Performance testing:

- Stress TC 2 execution is now complete.
- Defect fix and retest plan is being progressed.
- TC 3 execution is in progress (this includes, re-running TC 1 with fixes, tuning and a full stress load).
- The end date is now projected for 24 Oct 16. Any delay post the end of Oct could impact the start of Gas Day Testing but is assessed to have no further knock on impact.

Functional:

- Thirteen test cases remain in E2E UAT - 04 Nov 16 end date is forecast due to business cycle of remaining activities with a subsequent contingency period for minor defect resolution.
- Environment has now been refreshed with data to enable onwards testing.
- Co-location / offshoring plans are in place for the next 3 weeks to drive activity to close out.
- Those back billing defects encountered form part of the co-location set of focus areas.

Functional Changes:

- CR176/CR182 (The Class 1, 2, 3 and 4 AMR device reading changes, Change Pack 1582.2/ 1578.3) plans for deployment are still TBC with operating assumption of an inclusion in Drop 12 (06th Jan 2017).

For context:

- CR 176 - impacts the 2 DMSPs, shippers have been receiving outputs with estimated reads rather than actual reads to enable the functionality to be proven.
- CR 182 - in the Regression test environment there are only 6 sites with AMR devices, there will be no new load of data so shippers are required to create new sites with AMR devices in order to test. Options to deploy this change ready for regression testing are in progress.

Market Trials Status Report

Project Nexus: As @ 11 Oct 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Market Trials
Overall	● ↓
Xoserve	● ↔
Baringa <small>view of Xoserve</small>	● ↔
Participants	● ↔

Workstream Status: ●

Programme Trend: ↓

Since: 23 Sep 16

Market Trials Background:
 The Market Trials Workstream monitors participant progress through the trials phase reporting fortnightly to the PNDG. The reporting includes progress metrics, defect analysis, risks and issue, and is provided by participant self-assessments on the Nexus Portal, enabling a Market wide view of progress and blockers. The MTWG is a cross programme working group supporting and agreeing changes to the MT approach. Additionally the MTWG is required to provide market input in to any risks or issues that are captured during the phase.

Overall RAG Commentary:
 The Workstream is rated as Amber against the 01 June 17 plan as whilst there has been positive trends in the reduction of open defects, participant test plans for Managed MT show some scope extending beyond 11 Nov 16 and slippage in planned completion dates has been observed. Work is ongoing between PwC, Xoserve and participants to understand the impact of this on MT Exit. Those organisations who have completed will be contacted to go through the MT Exit Assessment where evidence will be requested and reviewed to validate completion.

- Achievements since last PNDG:**
- Managed MT phase commenced with plans submitted by 26 participants.
 - PwC actively engaged with each participant to refine these plans to arrive at an industry wide baseline Managed MT test plan.
 - ‘Kick off calls’ held with all participants who submitted Managed MT plans with regular progress checkpoints established.
 - The Defect prioritisation call has been adapted to support the Managed MT phase shifting focus to monitoring progress against defect resolution.
 - Xoserve brought forward the planned defect fix deployment to 07 Oct 16.

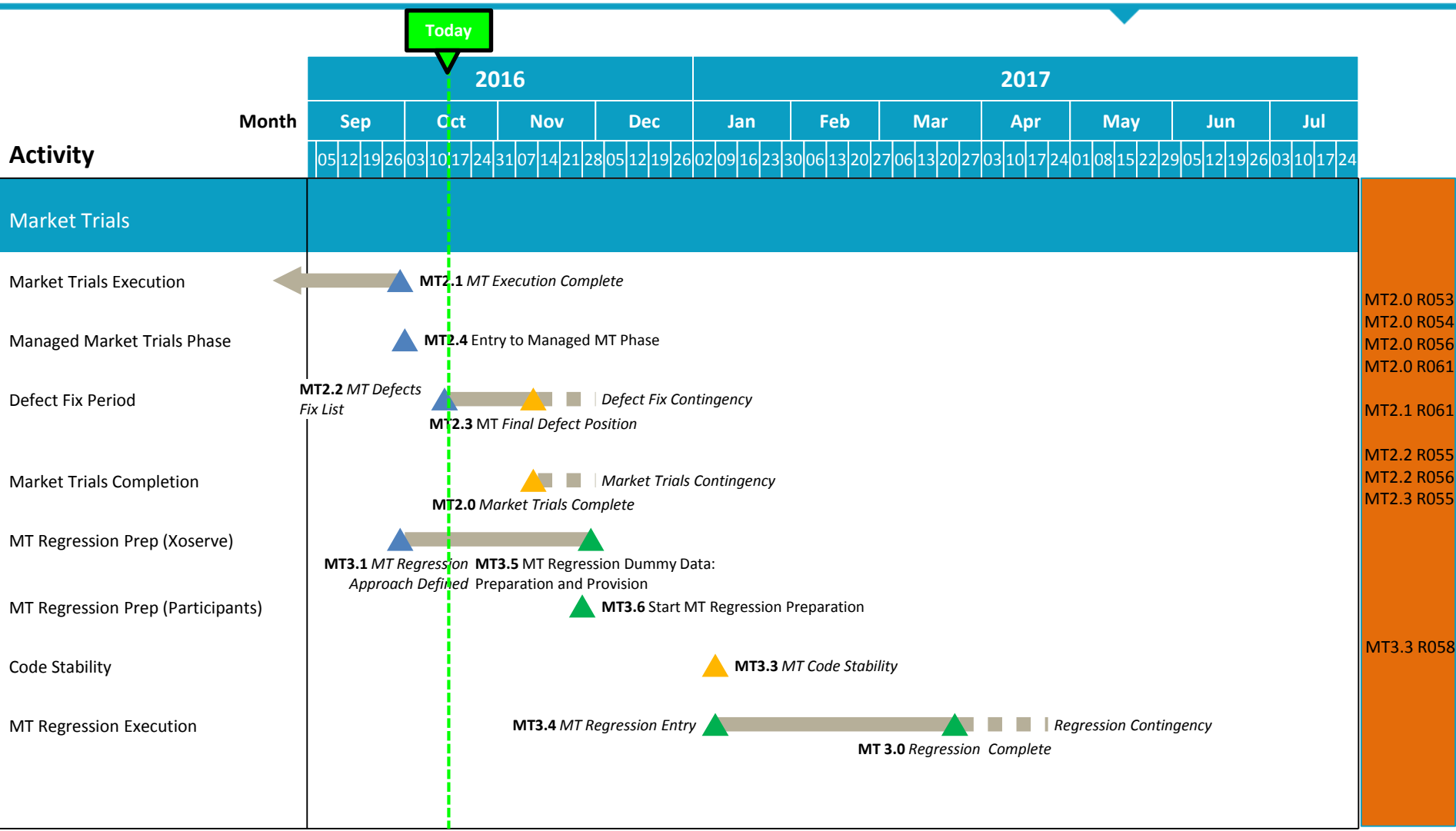
- Remediation Action:**
- PwC will continue to monitor progress against market participant agreed Managed MT test plans and help unblock issues where possible.
 - PwC will work with participants and Xoserve to identify the key areas of functionality that are unlikely to complete by 11 Nov 16 and develop an approach for managing them. Currently this relates to the receipt of the August and September invoice files.

- Upcoming activities:**
- Continue Managed MT progress check points between PwC and Participants.
 - MT Exit Portal submission against MT Exit criteria required on 21 Oct 16 and 04 Nov 16.
 - Defect update call will be held on 14 Oct 16.

- MTWG Key Messages:**
- Reinforced the importance of aligning the Change Request References to enable participants to identify and assess associated impact on MT. Xoserve to update the change log following the recommendations from the MTWG.



Market Trials Plan



- MT2.0 R053
- MT2.0 R054
- MT2.0 R056
- MT2.0 R061
- MT2.1 R061
- MT2.2 R055
- MT2.2 R056
- MT2.3 R055
- MT3.3 R058

Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- ← Slip/expected delay of milestone

Managed MT Phase Dashboard

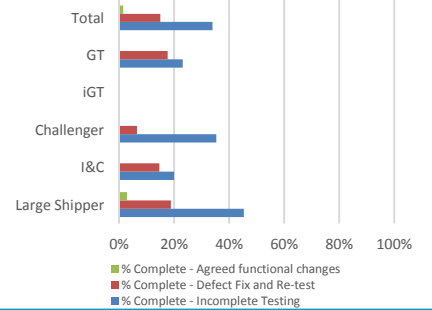
Based on PwC interaction with participants during Managed MT Phase: As @ 12 Oct 16

26 Participant Managed MT RAG

● Data suggests significant amount of MT required beyond 11 Nov 16
● Data suggests a quantifiable amount of MT beyond 11 Nov 16
● Data suggests that the participant will complete MT by 11 Nov 16
● Participants are complete

↑ Improving ↓ Deteriorating ↔ No change

Managed MT by Sector



Defect Position

Category	Closed since 30 Sept 16	Opened since 30 Sept 16
Xos Defects	82	25
	Open	Last Period
Xos Defects	69	126
Xos Queries	Tbc	Tbc
Internal Defects	73	111

Managed MT Scope Summary

Category	Planned	Complete
Incomplete testing	115*	39
Defect Fix and Re-test	160	24
Agreed Functional Chg.	68	1

* 79 are planned to complete by 14 Oct 16

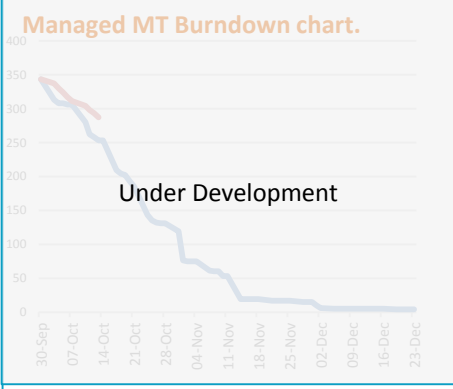
Criteria	Desired outcome	Due Date	Last Period	This Period	Trend	Comments
New defect rate	Sustained reduction in new defects raised rate.	Fortnightly	N/A	↑	N/A	25 new defects raised since the start of Managed MT. 8 of these were rejected as invalid and 4 have been closed as fixed. 13 valid new defects is a lower rate than in MT Execution.
Defect closure rate	Increase or sustained performance on defect closure rate aligned to defect fix plan	Fortnightly	N/A	↑	N/A	82 defects closed since 30 Sep 16 represents an increased performance on defect closure.
RAG assessment	RAG assessment based on how data received in participant test plans maps to defined timelines for Managed MT.	Fortnightly	N/A	↑	N/A	18 Participants have indicated target completion dates that fall within the Managed MT timeline. 5 participants will not complete however, their outstanding scope relates to the receipt of September invoices. 3 participants are expected to be left with a significant amount of testing beyond 11 Nov 16.
Managed MT Completion against plan	Participant Managed MT meetings with PwC show an increase or a sustained performance against planned completion dates.	Fortnightly	N/A	↓	N/A	Of the 'outstanding C1/C2 tests', 78 were due to complete by 14 October and as of 12 October 39 had completed, which is behind schedule. This shortfall is partly covered by 24 tests being complete in the 'defect fix and re-test' scope
Number of participants complete	Market Participants confirm that they have completed their MT plan and require no further support from Xoserve.	Fortnightly	N/A	↓	N/A	None of the 3 participants who were planning to complete on 14 Oct are on track as at 12 Oct 16.

Managed MT Phase Dashboard

Managed MT Progress – The table below shows the progress against the 26 Managed MT Plans broken down to a Participant level.

Managed MT Progress

Organisation	RAG	Outstanding C1/2 testing		Defect fix and retest		Agreed Functional Changes		Overall % complete
		Inc. Planned	Inc. Complete	DFR Planned	DFR Complete	AFC Planned	AFC Complete	
Large Supplier 1	Green	18	6	2	0	13	0	18%
Large Supplier 2	Amber	3	1	15	3	1	0	21%
Large Supplier 3	Green	19	12	7	0	2	0	43%
Large Supplier 4	Green	0	0	3	0	13	0	0%
Large Supplier 5	Red	13	5	42	10	5	1	27%
I&C 1	Green	2	2	31	5	0	0	21%
I&C 2	Amber	0	0	2	0	6	0	0%
I&C 3	Green	10	2	0	0	0	0	20%
I&C 4	Amber	0	0	6	1	1	0	14%
I&C 5	Amber	2	2	2	0	1	0	40%
I&C 6	Green	16	0	0	0	0	0	0%
Challenger 1	Green	0	0	6	2	6	0	17%
Challenger 2	Green	0	0	1	0	0	0	0%
Challenger 3	Green	2	0	0	0	1	0	0%
Challenger 4	Red	1	0	24	0	7	0	0%
Challenger 5	Green	3	0	0	0	0	0	0%
Challenger 6	Green	3	1	0	0	7	0	10%
Challenger 7	Green	8	5	0	0	0	0	63%
iGT 1	Green	0	0	0	0	2	0	0%
iGT 2	Red	2	0	1	0	1	0	0%
iGT 3	Green	0	0	1	0	1	0	0%
GT 1	Green	4	2	4	1	0	0	38%
GT 2	Amber	5	1	2	0	1	0	13%
GT 3	Green	0	0	2	0	0	0	0%
GT 4	Green	0	0	3	0	0	0	0%
GT 5	Green	4	0	6	2	0	0	20%



Exception Commentary:

- 12 participants have not been able to make any progress against their Managed MT Plans as at 12 Oct 16. Two of these have been RAG rated as Red and being monitored closely by PwC as they have a significant amount of testing to complete.
- The remaining participants who have yet to make any progress are RAG rated as Amber or Green as the planned dates still fall within the agreed timelines and where they don't the scope is well understood.
- PwC continue to work with these participants to hit planned dates however some slippage in these dates is being observed.

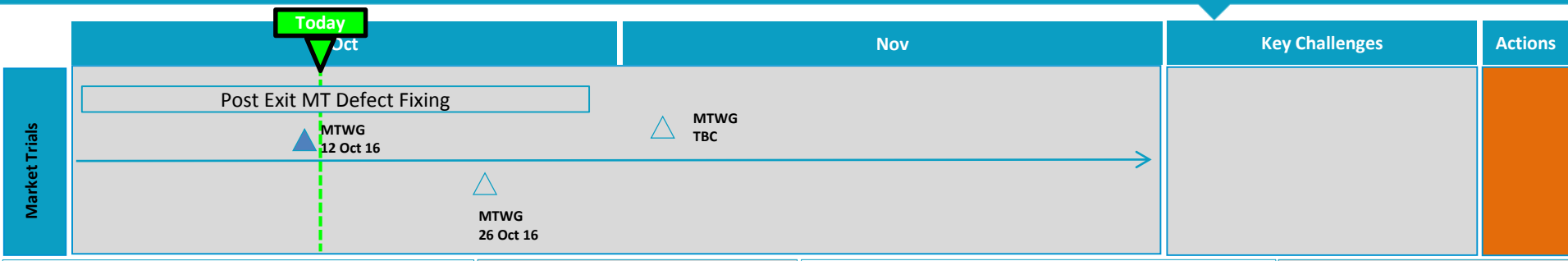
18 Organisations are not participating in Managed MT of these:

- 6 have indicated they are complete
- 12 are being asked to provide PwC with their final Market Trials Status.

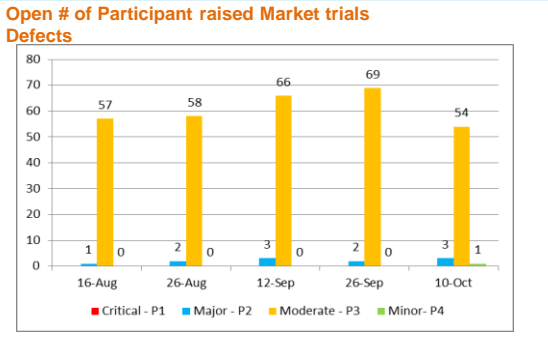
* Data accurate as at 12 Oct 16.

- Data suggests significant amount of MT required beyond 11 Nov 16
- Data suggests a quantifiable amount of MT beyond 11 Nov 16
- Data suggests that the participant will complete MT by 11 Nov 16
- Participants are complete

MT Defects Dashboard

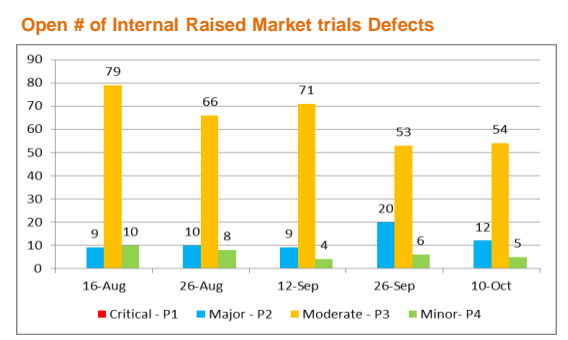


Key Challenges	Actions



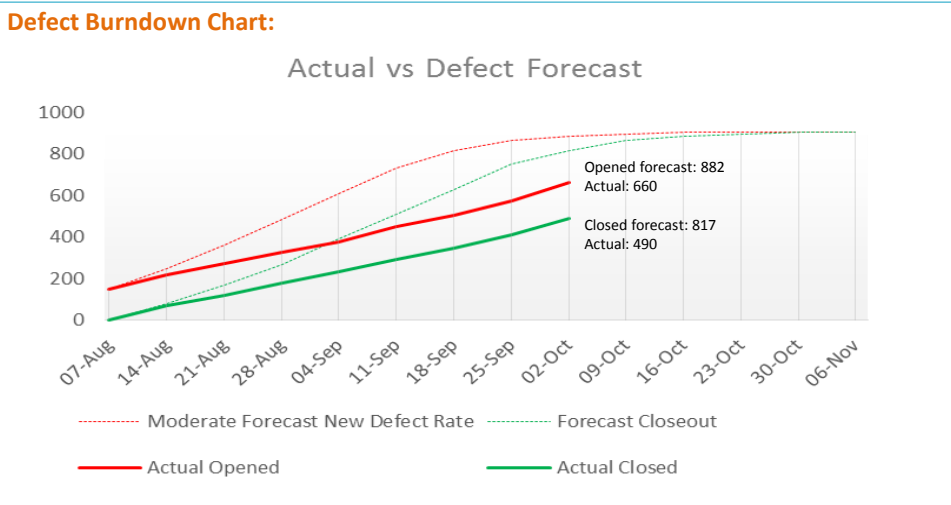
Participant Raised Graph Commentary:

- Defect fix team focused on closing priority defects. 113 defects were outstanding as of the end of MT on 01 Oct 16.
- Large volume of fixes deployed on 07 Oct 16, ahead of planned deployment on 14 Oct 16.
- Very low number of defects raised w/c 03 Oct 16.



Internal Raised Graph Commentary:

- Overall there has been a small drop in the number of open defects.
- Note: These include defects which may not be Market Trial impacting, and there may be some duplication between internal and externally raised defects.



Actuals vs Defect Forecast Commentary:

- An increase in number of defects raised can be seen as formal Market Trials phase closes out.
- Defect closure has also increased in line with requirements.
- Both new defects raised and defects closed out trending well below forecast rates.

Forecast Assumptions:

- Burn down forecasts assume a relatively conservative (with built in contingency) forecast for future defects, constructed based on:
 - Historical trend analysis and past MT defect rates.
 - PwC MT progress report and an assumed close of 'Core MT' by the end of September with a month of defect fixes in October.
 - Minimal remaining internal UAT estimates.
- The closure rate is also based on historical trend analysis, fix and Xoserve re-test team capacity, the deployment tracker and historic average closure times.
- The forecast includes functional defects (and estimates from phases that may generate such defects), but not Performance Test defects that do not require a code change or Data Migration related new defects as these typically follow a different fix and closure process.

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R062: The defect fix list cannot be finalised on 14 Oct 16 due to outstanding testing (completion of C1/C2 tests, re-test following defect fixes, testing of agreed functional areas) that still needs to be performed in the remainder of the Managed MT phase. This may result in Xoserve not being able to fix agreed remaining defects prior to the MT Exit milestone.</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p><i>MT2.2 MT Defects Fix List</i></p>	<p>15</p> <p>Current Rating:</p> <p><i>Priority: (5)</i></p> <p><i>Impact: (3)</i></p>	11 Nov 16	<p>New A149: Monitor the number of new defects being raised through the Managed MT activity.</p>		1) PwC
			11 Nov 16	<p>New A150: Review the Xoserve fix plan for new defects to identify defects that may not be fixed in time to re-test prior to MT completion.</p>		2) PwC
			11 Nov 16	<p>New A151: Assess defects that are unable to be fixed and re-tested to identify whether workarounds can be implemented or a forward fix plan is in place.</p>		3) PwC

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R063: There is a risk that the final MT defect position does not meet MT Exit criteria and therefore MT cannot be exited as per planned timescales. This could be due to the late identification of defects during the Managed MT phase; Xoserve being unable to fix all defects to plan; and/or workarounds cannot be identified for unresolved defects.</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT2.3 <i>MT Final Defect Position</i></p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (4)</i> <i>Impact: (3)</i></p>	11 Nov 16	<p>1) A123: Undertake a review of P3 defects to identify any that do not need to be fixed for go-live and agree these with the market participants.</p>	<p>1) In progress. This action has to be done in conjunction with the industry and this will be agreed through the defect management process.</p> <p>As part of this process, the workaround process has been defined and agreed at MTWG.</p> <p>The due date has been moved to reflect the end of the managed Market Trials phase.</p>	1) Xoserve
			23 Sep 16	<p>2) A131: Propose criteria and process for determining whether defects should be fixed or not.</p>	<p>2) Complete. Process has been defined and will be managed via the defect prioritisation process.</p>	2) Xoserve and PwC
			11 Nov 16	<p>New A152: Xoserve to develop a forward projection of the number of defects that will be fixed within the defect fix period.</p>	3) Xoserve	

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R064: There is a risk that known areas of functionality will need to be tested beyond 11 Nov 16 due to requirements for participants to build internal functionality following change decisions (e.g. DUC, iGT RGMA file format baseline) or due to the timing of delivery of files (e.g. invoice thick files).</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT2.0 Market Trials Complete</p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (4)</i> <i>Impact: (3)</i></p>	<p>11 Nov 16</p> <p>11 Nov 16</p>	<p>New A153: Through Managed MT activity analyse, identify areas where testing is likely to extend beyond 11 Nov to assess risk and impact on MT Completion.</p> <p>New A154: Ensure that Xoserve are kept appraised of areas where testing may extend in order that they can continue to assess support impacts.</p>		<p>1) PwC</p> <p>2) PwC</p>

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R065: There is a risk that the Managed MT plan assumes 'happy path' testing and there is limited contingency within the phase if delays are experienced. For example, participants may not complete by 11 Nov 16 due to new defects being identified, delays in defect fixes or other issues (e.g. partner testing; P1 defect); defects not being appropriately prioritised.</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT2.0 <i>Market Trials Complete</i></p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (4)</i> <i>Impact: (3)</i></p>	11 Nov 16	<p>New A153: Through Managed MT activity analyse, identify areas where testing is likely to extend beyond 11 Nov to assess risk and impact on MT Completion.</p>		1) PwC
			11 Nov 16	<p>New A154: Ensure that Xoserve are kept appraised of areas where testing may extend in order that they can continue to assess support impacts.</p>		2) PwC

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R066: There is a risk that testing of areas of functionality with enduring issues and challenges through MT (e.g., Annual AQ NRL; Portfolio Reports; shared supply points) may not be completed by 11 Nov 16.</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT2.0 <i>Market Trials Complete</i></p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (4)</i> <i>Impact: (3)</i></p>	<p>11 Nov 16</p> <p>11 Nov 16</p>	<p>New A153: Through Managed MT activity analyse areas where testing is likely to extend beyond 11 Nov to assess risk and impact on MT Completion.</p> <p>New A154: Ensure that Xoserve are kept appraised of areas where testing may extend in order that they can continue to assess support impacts.</p>		<p>1) PwC</p> <p>2) PwC</p>

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R067: Market participants are not clear on the pipeline and content of all changes, remaining functionality or defect fixes to be released and tested to achieve the MT Code Stability milestone. This includes the risk that due to the lack of clarity over changes, participants are unable to assess what changes they need to make on their systems as a result of a change. This could result in organisations still making changes to their system during MT Regression.</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT3.3 MT Code Stability</p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (4)</i></p> <p><i>Impact: (3)</i></p>	20 Oct 16	<p>New A155: Xoserve are to publish file format baseline and have a session to build understanding.</p>		1) Xoserve
			20 Oct 16	<p>New A156: Governance around achieving code stability to be reviewed in RIAG on 20 Oct 16.</p>		2) RIAG

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R068: The pace of testing within MT regression does not allow for testing to be completed by the planned date of this milestone. This could be due to:</p> <ol style="list-style-type: none"> 1) it not being possible to execute agreed scope within planned timescales 2) a high number of defects being identified during the phase 3) repeat of challenges encountered during full MT phase (e.g. identifying test data; partnering). 	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT3.0 MT Regression Complete</p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (3)</i></p> <p><i>Impact: (4)</i></p>	30 Nov 16	<p>New A157: At the end of MT managed approach there is a need to review the approach to MT regression testing to consider how the phase should be managed (e.g. follow a similar approach to the Managed MT phase).</p>		1) MTWG

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R069: A high number of defects are identified during the MT Regression phase, which results in a requirement to suspend the test phase.</p>	<p>Market Trials</p> <p><i>Milestone Affected:</i></p> <p>MT3.4 MT Code Stability</p>	<p>12</p> <p>Current Rating:</p> <p><i>Likelihood: (3)</i> <i>Impact: (4)</i></p>	<p>11 Nov 16</p> <p>30 Nov 16</p>	<p>New A158: Ensure that programme adheres to robustness of MT Exit assessment.</p> <p>New A159: Review approach to monitor defect levels and resolution progress through MT regression.</p>		<p>1) PNSG</p> <p>2) MTWG</p>

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>New R070: There is a risk that a lack of understanding of businesses process causes an increase in the number of incorrectly raised defects / queries and an increase number of rejected defects during MT Regression. If participants do not have an appropriate understanding of business processes this could have an adverse impact on regression testing and operations post go live.</p>	Market Trials	<p>16</p> <p>Current Rating:</p> <p><i>Likelihood: (3)</i></p> <p><i>Impact: (4)</i></p>	21 Oct 16	<p>New A160: Review GONG criteria to ensure that part of the assessment includes submitting evidence that participants have an adequate understanding of business processes. Also to consider whether specific processes that have been the subject of significant levels of queries and/or defect rejections should be called out.</p>		1) PwC
	Milestone Affected: MT3.0 MT Regression Complete		28 Oct 16		<p>New A161: Xoserve to provide analysis into the reasons that they reject defects and send to project managers and PM to discuss with their org.</p>	


Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R053: In the new programme plan, market trials execution will be completed by 30 Sep 16. Some participants will continue to execute remedial testing during the managed testing phase. However, there is still a risk that the programme will fail to exit market trials (MT2.0) by 11 Nov 16.</p>	<p>Market Trials</p> <p><i>Milestone Affected: MT2.0 Market Trials Complete</i></p>	<p style="text-align: center;">9</p> <p>Current Rating: <i>Likelihood: (3) Impact: (3)</i></p>	<p>11 Nov 16</p>	<p>1) The PMO are exploring whether and how some limited remedial Market Trial activity can be accommodated during Oct as a contingency option to allow for additional testing of C1 and C2 scenarios as necessary.</p>	<p>1) The PMO have agreed the scope for remedial testing with Xoserve. This includes incomplete testing, defect fixes and re-test, and agreed functionality changes.</p> <p>Participants with remedial testing plans have agreed a testing baseline with PwC and are being actively managed by the PMO. Xoserve will support the testing that falls within these agreed baselines.</p> <p>Propose that this risk be superseded by New05 from RIAG, Please see appendix for more info.</p>	<p>1) PMO</p>

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R054: There is a risk that iGTs will not be able to complete testing before the end of Market Trials. iGTs have shown slow progress in carrying out tests due to portfolio reports containing both inaccurate data and data gaps. This has a direct impact on both the market being able to fully sign off end-to-end Market Trials Mandatory Scenarios and iGT invoicing. iGTs are unable to exit Market Trials until confidence is provided that these problems have been resolved.</p>	<p>Market Trials</p> <p><i>Milestone Affected: MT2.0 Market Trials Complete</i></p>	<p style="text-align: center;">9</p> <p>Current Rating: Likelihood: (3) Impact: (3)</p>	09 Sep 16	<p>1) A145: Xoserve are to provide due dates for delivery of IQL files.</p>	<p>1) Complete. DDS reports were issued on 09 Sep 16, EQL & IQL reports were delivered on 12 Sep 16.</p> <p>All IDLs have now been issued and the process agreed with iGTs following the EUC allocation at 01 Oct 16.</p> <p>Propose to close this risk as action is complete. EQL, IQL and IDL files have now been delivered.</p>	<p>1) Xoserve</p>


Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
R055: Risk that the exit criteria for MT cannot be met because there isn't enough time to fix the defects that are identified as required during the 1 month defect fix period between MT2.2 MT Defects Fix List and MT2.3 Final Defect Position. During this period there is also the need to load additional dummy data for regression testing (MT3.5 MT Regression Dummy Data: Preparation and Provision). This activity creates parallelism that could disrupt defect fixing and retesting.	Market Trials <i>Milestone Affected: MT 2.2 MT Defects Fix List and MT2.3 Final Defect Position</i>	 Current Rating: Likelihood: (3) Priority: (4)	19 Aug 16	1) A107: Market Participants to confirm detailed data requirements for regression via the MTWG representatives.	1) Complete.	1) Market Participants
			26 Aug 16	2) A129: Xoserve to develop a forward projection of the number of defects that will be fixed within the defect fix period.	2) Complete.	2) Xoserve
			30 Sep 16	3) A130: Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.	3) Complete. Following analysis of the dummy data requirements it is unlikely that this will cause parallelism with the defect fix window as data is only to be applied for one organisation. The June 2017 plan has a gap between the defect window and data load, allowing for more time to fix defects.	3) Xoserve
					Propose to replace this risk with R065 from RIAG. Please see appendix for more information.	

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R056: Risk that it is not possible to compile an agreed position on which defects will and will not be fixed by MT2.2 <i>Final defect position agreed</i> and therefore which defects will be carried forward into regression and go-live. This is because there is currently no categorisation criteria or process defined to do this.</p> <p>The position needs to be agreed by the start of the defect fix period (October).</p>	<p>Market Trials</p> <p><i>Milestone Affected: MT2.0 Market Trials Complete and MT 2.2 Final Defect Position Agreed.</i></p>	<p>12</p> <p>Current Rating: <i>Likelihood: (3) Impact: (4)</i></p>	<p>11 Nov 16</p> <p>23 Sep 16</p>	<p>1) A123: Undertake a review of P3 defects to identify any that do not need to be fixed for go-live. Agree these with the market participants.</p> <p>2) A131: Propose criteria and process for determining whether defects should be fixed or not.</p>	<p>1) In progress. This action has to be done in conjunction with the industry and this will be agreed through the defect management process.</p> <p>As part of this process, the workaround process has been defined and agreed at MTWG.</p> <p>The due date has been moved to reflect the end of the managed Market Trials phase.</p> <p>2) Complete. Process has been defined and will be managed via the defect prioritisation process.</p> <p>Propose to replace this risk with R063 from RIAG. Please see appendix for more information.</p>	<p>1) Xoserve, PwC and market participants</p> <p>2) Xoserve and PwC</p>

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R058: Risk that code stability will not be achieved because a) the definition of code stability is yet defined, b) there may not be sufficient time to meet the definition.</p>	Market Trials		05 Oct 16	<p>1) A132: Xoserve to a) define what is meant by code stability b) Propose a time table for attaining code stability and c) Have these reviewed by PNDG.</p> <p>2) A134: The MTWG are to develop a process map and accountability matrix to define how code stability will be managed. This will be submitted to PNDG for agreement of the end to end process.</p>	<p>1) Complete. At the PNDG on 05 Oct 16, slides were presented on the code stability definition. A follow up action has been given to MTWG to develop a process for how the code will be used. This action is now complete. Please see A134 for MTWG action.</p>	1) Xoserve
	<p><i>Milestone Affected:</i> MT3.3 MT Code Stability</p>	<p>Current Rating: <i>Likelihood: (4)</i> <i>Impact: (4)</i></p>	27 Oct 16		<p>2) RIAG will take action on this in the session on 20 Oct 16 and provide an update and recommendation to PNDG.</p>	2) MTWG

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R059: Risk that files and reports that have not undergone functional changes, but are produced by the new Xoserve SAP UK Link system (rather than the legacy link system) will not be tested. An example of this is the CMP file. This is because, currently, only processes and files that will have a functional change due to Nexus requirements are tested in Market Trials. In addition, legacy systems that will remain (e.g. CMS) may have been changed as a result of implementing the new Xoserve UK link system but are not being tested at an industry level (reliant on Xoserve UAT / regression). This could result in processes or files having inaccurate data or not flowing correctly post go live.</p>	<p>Market Trials Milestone Affected: T6.0 Project Nexus Implementation Date</p>	<p>9</p> <p>Current Rating: Likelihood: (3) Impact: (3)</p>	<p>14 Oct 16</p>	<p>1) A138:Xoserve to: i) Confirm the final list of files and reports unchanged by Nexus. In addition, indicate which are platform independent (CMS) and which are unchanged but now part of the SAP ISU solution. ii) Demonstrate the level of internal testing carried out, or planned to be carried out on these files and reports. iii) Share the above analysis with all participants to review and determine if they need to include in their MT Regression plans. Where participants do want to include files/reports in MT regression plans they need to provide a rationale as part of their entry submission.</p>	<p>1) In progress, Xoserve has provided the list of files and reports unchanged by Nexus and have sent to MTWG.</p> <p>MTWG are awaiting the second part of action (i) and actions (ii) to be completed by Xoserve. Following this the materials can be shared (iii) and discussed at the subsequent MTWG.</p> <p>The due date has been updated.</p>	<p>1) Xoserve</p>

Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R061: Risk that DMSPs may not be able to sign off mandatory scenarios 9 and 10 in market trials, because CR176 [R11 – 31/08/16 UKLP IADBI176] will not be deployed. If participants are unable to complete these mandatory scenarios then they will not meet the exit criteria for market trials and would have to exit with these not fully being tested. This could have a knock-on impact the MT regression if the functionality is being tested then for the first time.</p>	<p>Market Trials <i>Milestone Affected: MT 2.1 MT Execution Complete and MT2.0 Market Trials Complete</i></p>	<p>9</p> <p>Current Rating: <i>Likelihood: (3) Impact: (3)</i></p>	25 Nov 16	<p>1) A147:Xoserve to define the delivery options for CR176 and DMSP will assess the impact of the delivery options against the MT delivery phases in the new industry plan.</p>	<p>1) This is targeted to be implemented prior to MT Regression testing however, it is unlikely that participants will have an opportunity time to test the change in Managed Market Trials. Xoserve and the DMSP's are discussing options for de-risking MT Regression which includes the possibility of witness testing.</p>	<p>1) Xoserve and MTWG</p>

Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A123	Undertake a review of P3 defects to identify any that do not need to be fixed for go-live. Agree these with Market Participants.	<p>In progress. This action has to be done in conjunction with the industry and this will be agreed through the defect management process.</p> <p>As part of this process, the workaround process has been defined and agreed at MTWG.</p> <p>The due date has been moved to reflect the end of the managed Market Trials phase.</p>	Xoserve, PwC and market participants		31 Aug 16 → 23 Sept 16 → 14 Oct 16 → 11 Nov 16	Market Trial Problem Solving Session
A132	Xoserve to a) define what is meant by code stability b) Propose a time table for attaining code stability and c) Have these reviewed by PNDG.	Complete. At the PNDG on 05 Oct 16, slides were presented on the code stability definition. A follow up action has been given to MTWG to develop a process for how the code will be used. This action is now complete. Please see A134 for MTWG action.	Xoserve		01 Sept 16 → 20 Sep 16 → 05 Oct 16	PMO
A134	The MTWG are to develop a process map and accountability matrix to define how code stability will be managed. This will be submitted to PNDG for agreement of the end to end process.	RIAG will take action on this in the session on 20 Oct 16 and provide an update and recommendation to PNDG.	MTWG		31 Aug 16 → 14 Sep 16 → 12 Oct 16 → 27 Oct 16	PNDG
A138	Xoserve to i) Confirm the final list of files and reports unchanged by Nexus. In addition indicate which are platform independent (CMS) and which are unchanged but now part of the SAP ISU solution. ii) Demonstrate the level of internal testing carried out, or planned to be carried out on these files and reports. iii) Share the above analysis with all participants to review and determine if they need to include in their MT Regression plans. Where participants do want to include files/reports in MT regression plans they need to provide a rationale as part of their entry submission.	<p>In progress, Xoserve has provided the list of files and reports unchanged by Nexus and have sent to MTWG.</p> <p>MTWG are awaiting the second part of action (i) and actions (ii) to be completed by Xoserve. Following this the materials can be shared (iii) and discussed at the subsequent MTWG.</p>	Xoserve		26 Sep 16 → 28 Sep 16 → 05 Oct 16 → 14 Oct 16	MTWG

Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum																																									
A142	<p>Identify delivery due dates for June, July, August and September invoice thick files.</p> <p>Market participants would also like to see the invoice dates for September files. This action has been updated accordingly and the due date will also be moved to reflect the additional request.</p>	<p>Please see delivery dates below. This action will remain open until all delivery dates are confirmed.</p> <table border="1"> <thead> <tr> <th rowspan="2">Billing Month</th> <th colspan="2">Capacity Files (CZI)</th> <th colspan="2">Commodity Files (COI)</th> <th colspan="2">Rec/Amendment Files (AML)</th> </tr> <tr> <th>Invoice Date</th> <th>CZI Send Date</th> <th>Invoice Date</th> <th>COI Send Date</th> <th>Invoice Date</th> <th>AML Send Date</th> </tr> </thead> <tbody> <tr> <td>Jun 16</td> <td>Sent</td> <td>10 Sep (delivered on time)</td> <td>Sent</td> <td>17 Sep (delivered on 10 Sep)</td> <td>Sent</td> <td>26 - 30 Sep</td> </tr> <tr> <td>Jul 16</td> <td>Sent</td> <td>24 Sep (delivered on 17 Sep)</td> <td>Sent</td> <td>01 Oct (delivered on 18 Sep)</td> <td>Sent</td> <td>14 Oct</td> </tr> <tr> <td>Aug 16</td> <td>06 Sep</td> <td>08 Oct</td> <td>12 Sep</td> <td>09 Oct</td> <td>26 Sep</td> <td>14 - 18 Nov</td> </tr> <tr> <td>Sep 16</td> <td>06 Oct</td> <td>TBC</td> <td>12 Oct</td> <td>TBC</td> <td>26 Oct</td> <td>TBC</td> </tr> </tbody> </table>	Billing Month	Capacity Files (CZI)		Commodity Files (COI)		Rec/Amendment Files (AML)		Invoice Date	CZI Send Date	Invoice Date	COI Send Date	Invoice Date	AML Send Date	Jun 16	Sent	10 Sep (delivered on time)	Sent	17 Sep (delivered on 10 Sep)	Sent	26 - 30 Sep	Jul 16	Sent	24 Sep (delivered on 17 Sep)	Sent	01 Oct (delivered on 18 Sep)	Sent	14 Oct	Aug 16	06 Sep	08 Oct	12 Sep	09 Oct	26 Sep	14 - 18 Nov	Sep 16	06 Oct	TBC	12 Oct	TBC	26 Oct	TBC	Xoserve		09 Sep 16 → 18 Oct 16	PNDG
Billing Month	Capacity Files (CZI)			Commodity Files (COI)		Rec/Amendment Files (AML)																																									
	Invoice Date	CZI Send Date	Invoice Date	COI Send Date	Invoice Date	AML Send Date																																									
Jun 16	Sent	10 Sep (delivered on time)	Sent	17 Sep (delivered on 10 Sep)	Sent	26 - 30 Sep																																									
Jul 16	Sent	24 Sep (delivered on 17 Sep)	Sent	01 Oct (delivered on 18 Sep)	Sent	14 Oct																																									
Aug 16	06 Sep	08 Oct	12 Sep	09 Oct	26 Sep	14 - 18 Nov																																									
Sep 16	06 Oct	TBC	12 Oct	TBC	26 Oct	TBC																																									
A144	<p>Once Xoserve provide due dates for the delivery of August and September thick files for invoices (A142), MTWG are to analyse this and confirm if the due dates are appropriate.</p> <p>Please note that the action has been changed in line with A142.</p>	<p>The due dates for the receipt of August capacity and commodity thick files support the completion of Market Trials. However the current timeline for delivery of reconciliation invoices may not support MT completion milestones. Xoserve are to confirm the delivery dates for the remaining invoice files (Aug and Sep).</p>	MTWG		23 Sep 16 → 21 Oct 16	PNDG																																									

Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A146	Xoserve to confirm if they can halt and recommence IDL generation during MT to check if it is able to "catch up" in a controlled environment. This is to simulate should the schedule fail post-PNID as it has done in Market Trials.	All IDLs have now been issued and the process agreed with iGTs following the EUC allocation at 01 Oct 16.	Xoserve		20 Sep 16 → 30 Sep 16	PNDG
A147	Xoserve to define the delivery options for CR176 and DMSP will assess the impact of the delivery options against the MT delivery phases in the new industry plan.	This is targeted to be implemented prior to MT Regression testing however, it is unlikely that participants will have an opportunity time to test the change in Managed Market Trials. Xoserve and the DMSP's are discussing options for de-risking MT Regression which includes the possibility of witness testing.	Xoserve and MTWG		25 Nov 16	MTWG
A149	Monitor the number of new defects being raised through the Managed MT activity.		PwC		11 Nov 16	RIAG
A150	Review the Xoserve fix plan for new defects to identify defects that may not be fixed in time to re-test prior to MT completion.		PwC		11 Nov 16	RIAG
A151	Assess defects that are unable to be fixed and re-tested to identify whether workarounds can be implemented or a forward fix plan is in place.		PwC		11 Nov 16	RIAG
A152	Xoserve to develop a forward projection of the number of defects that will be fixed within the defect fix period.		Xoserve		11 Nov 16	RIAG
A153	Through Managed MT activity analyse areas where testing is likely to extend beyond 11 Nov to assess risk and impact on MT Completion.		PwC		11 Nov 16	RIAG
A154	Ensure that Xoserve are kept appraised of areas where testing may extend in order that they can continue to assess support impacts.		PwC		11 Nov 16	RIAG

Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A155	Xoserve are to publish file format baseline and have a session to build understanding.		Xoserve		20 Oct 16	RIAG
A156	Governance around achieving code stability to be reviewed in RIAG on 20 Oct 16.		RIAG		20 Oct 16	RIAG
A157	At the end of MT managed approach there is a need to review the approach to MT regression testing to consider how the phase should be managed (e.g., follow a similar approach to the Managed MT phase).		MTWG		20 Nov 16	RIAG
A158	Ensure that programme adheres to robustness of MT Exit assessment.		PNSG		11 Nov 16	RIAG
A159	Review approach to monitor defect levels and resolution progress through MT regression.		MTWG		30 Nov 16	RIAG
A160	Review GONG criteria to ensure that part of the assessment includes submitting evidence that participants have an adequate understanding of business processes. Also to consider whether specific processes that have been the subject of significant levels of queries and/or defect rejections should be called out.		PwC		21 Oct 16	RIAG
A161	Xoserve to provide analysis into the reasons that they reject defects and send to project managers and PM to discuss with their org.		Xoserve		28 Oct 16	RIAG

Data Status Report

Project Nexus: As @ 11 Oct 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Market Trials
Overall	
Xoserve	
Baringa <small>view of Xoserve</small>	
Participants	

Workstream Status:

Programme Trend:

Since: 27 Sep 16

Data Background: The Data Workstream is focussed on delivering the management and execution of robust data sourcing, mapping, transfer, reconciliation and validation activities required to cleanse and migrate data to the new SAP solution. Rigorous tried and tested processes and methods are required across all areas in order to underpin and deliver a successful migration solution.

Overall RAG Commentary: The Data workstream is rated as Amber / Green against the 01 Jun 17 delivery plan. The Green element has been driven by those milestones required for the start of IDR1, that have been met and market engagement on data has improved.

The Amber element reflects a number of Data defects for Delta (D1.5) and iGT's that were carried into IDR1 with pre-checks that they would not impact performance of IDR1 but would still require enduring Data Fix and Prove cycles outside of a IDR, and some parallelism particularly in October.

Achievements since last PNDG:

The following activities were completed in line with the published Delivery plan:

- IDR1 Data elements have completed with Delta and iGT activities tracking to the overall IDR1 timelines (with a 2 day delay within overall plan) (T2.2).
- Reporting Requirements sub-group for DMG, industry and PwC was held 22 Sep 16 and now being summarised for wider sharing on 22 Oct 16 at the DMG.
- Dashboard for future DMG and PNDG reporting agreed on 07 Oct 16.
- The iGT 'Ways of Working' document has been updated for feedback and will be issued at the DMG on 20 Oct 16.

Remediation Action:

- IDR1 has been facilitated by prioritising the data defects that are most impactful to it and by active monitoring of the fallout of IDR1.
- Focus on RCA for Delta defects to support rapid and complete resolution.
- The Data replan incorporates additional Test cycles for the critical sub streams – Bulk and Delta to incrementally improve the position for quality.
- Implement the iGT ways of working.

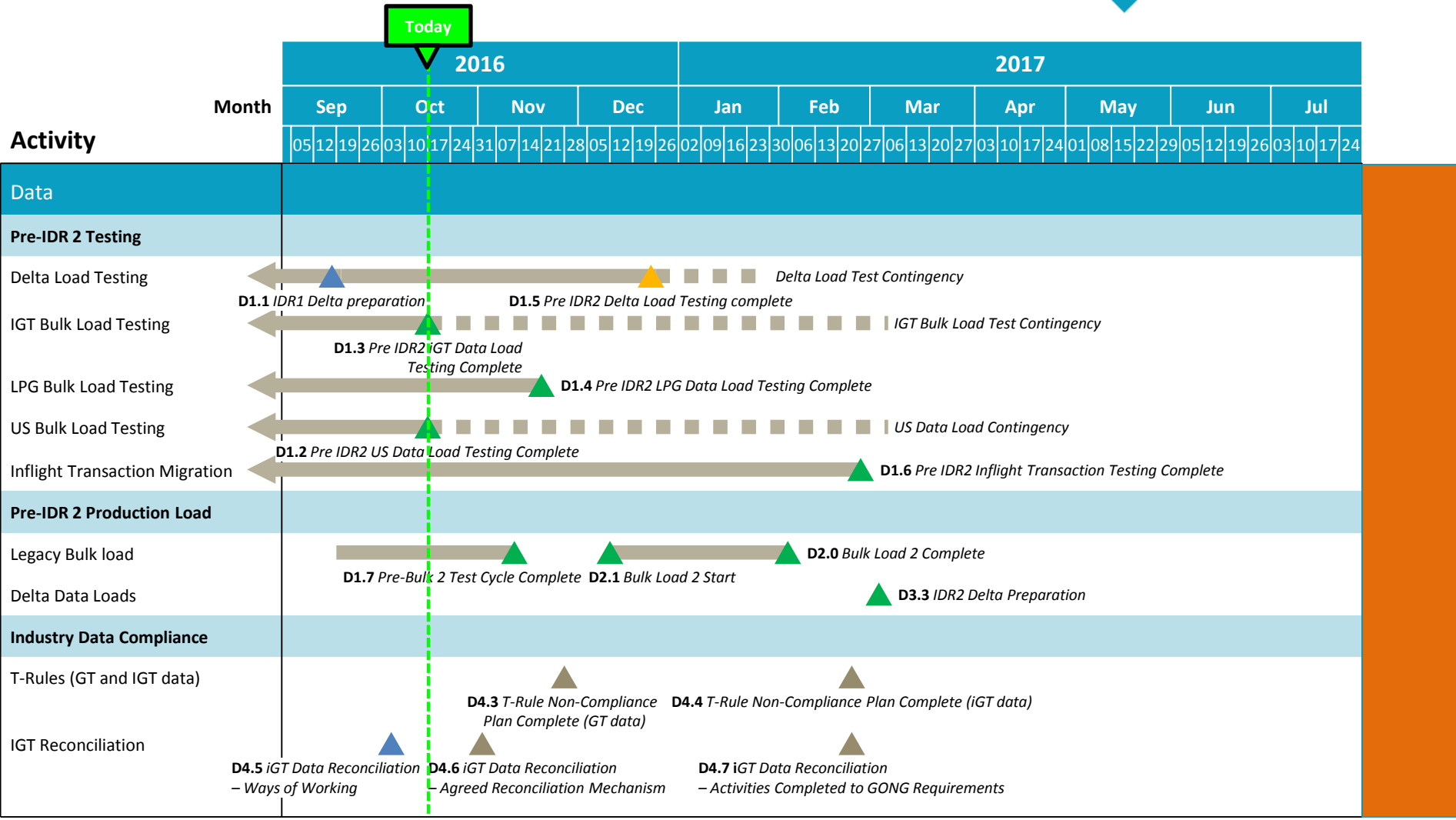
Upcoming activities:

- Completion of IDR1 Data Week 3 & 4 activities as per IDR1 plan and taking IDR1 lessons into the Data plan.
- In-flight transaction variants for iGT / US (not high volume to undergo testing).
- Progress on the Feedback on the iGT 'Ways of Working' document is due, latest, 30 Sep 16.
- iGT portfolio reconciliation at 03 Oct 16 cut to be discussed at DMG on 22 Oct 16.

DMG Key Messages:

- Data compliance issues are not seen as showstoppers by participants.
- An early IDR1 is critical to flush out potential risks in Delta and iGT data loads and give confidence to the rest of the data activities.
- Concerted effort is still required to demonstrate completeness of population and resolve differences in the portfolios between Shippers, iGT's and Xoserve.

Data Workstream Plan



Milestone RAG Key:

- ▲ Industry Milestone
- ▬ Industry Activity
- ▬▬▬ Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- Slip/expected delay of milestone

Data Dashboard - Draft

Data Work Stream Status: 12 Oct 16

Data Background:

The Data workstream is about achieving a successful migration of data in UKLINK to SAP and ensuring that minimum acceptable standards of data compliance to ensure smooth operations of industry flows prior to go-live.

Key Participant Actions:

Under development

Bulk Migration [GT]

Current Activity and Status (Prep for Pre Bulk TC)

- Pre Bulk Test Cycle preparations to be kick started once IDR1 is complete
- Commencement dates w/c 31 Oct 16
- Tracking to Complete: Prep activities
- Tracking to Resolve Defects: Amber based on progress pre ETL; expected to fix the majority for start of Pre bulk test cycle

Commentary

- Focus on resolving and proving outstanding bulk defects in pre bulk test cycle (x51 in total @11 Oct 16)
- Bulk Need date is w/c 12 Dec 16

Pre Bulk Test Cycle

Start: TBC
 Complete: 09 Dec 16
 Status : Prep activities

Bulk Production Load

Start: 12 Dec 16
 Complete: 03 Feb 17

Post Bulk Fix (Contingency only)

Start: 03 Feb 17
 Complete: 03 Apr 17

Delta Load

Current Activity and Status (IDR1)

- IDR 1 Delta Runs
- Tracking to Complete: Complete
- Tracking to Resolve Defects : Yes

Commentary

- 3 Deltas to simulate Ned and Cutover activities have been undertaken to support IDR1 in weeks 1,2, and 3
- IDR1 Delta activities have completed and tracked to the overall IDR1 timelines (inc. 2 day delay)
- Only 1 Critical defect has been uncovered in Delta during IDR1 and is in scope for remediation.
- The outstanding Delta defects from all previous cycles are to be incrementally resolved and proven in Delta TC3 & TC4
- Delta Need date is w/c 06 Feb 17

Delta in IDR1
 Start: 17 Sep 16
 Complete: 14 Oct 16
 Status: Complete

Delta Test Cycle 3
 Start: 17 Oct 16
 Complete: 19 Nov 16
 Status: Not started

Delta Test Cycle 4
 Start: 28 Nov 16
 Complete: 23 Dec 16

Contingency Delta Test Cycle 1
 Start: 02/01/17
 Complete: 27/01/17

IDR2 Delta Prep + IDR2
 Start: 06/02/17
 Complete: 31/03/17

Delta in IDR3
 Start: 03/04/17
 Complete: 28/4/17

Data Dashboard - Draft

Data Work Stream Status: 12 Oct 16

Commentary:

- Data activities within IDR1 have completed in line with the phases planned in weeks 1,2 and 3.
- Further Invoice testing is expected post Week 3.
- Auto-validation Phase 1 is also expected to be run as part of close out activities within iDR 1
- Preparatory activities are underway to begin Pre Bulk Test cycle in the coming fortnight.

Under development

NED (iGT, LPG, US)

Current Activity and Status

- iGT Data Preparation
- iGT IDR 1
- Tracking to Complete: Complete
- Tracking to Resolve Defects : A number of defects remain open in the iGT stream which are being picked to be resolved in the next contingent phase (iGT TC4)

Commentary

- Ongoing data reconciliation between iGT – Shipper - Xoserve
- Ways of Working Document that outlines iGT Data Prep activities and responsibilities due for baseline (Oct 16)
- NED in scope for iDR1 has executed successfully and a full reconciliation is underway In Flight testing for GT is underway in IDR1.
- Further testing of GT, IGT & Unique Sites In Flights is to undertaken post IDR1 under the ambit of transition.
- iGT focus through offshore visit w/c 17/10/16 for collaboration and defect resolution
- The outstanding iGT defects from all previous cycles are to be resolved and proven in iGT TC4

NED in IDR1
Start: 19 Sep 16
Complete: 14 Oct 16
Status: In Progress

iGT Cont. TC4
Start: TBC (Nov 16)
Complete: Nov 16
Status : Not Started

NED in IDR 2
Start: 06 Feb 17
Complete: 01Mar 17
Status : Not Started:

NED in IDR 3
Start: 03 Apr 17
Complete: 29 Apr 17
Status : Not Started:

Key Milestones (Upcoming)

Pre-Bulk Test Cycle:

Objective is to fix, resolve and retest all known *P1 & P2* prior bulk defects

Entry Criteria: All outstanding P1 & P2 defects are fixed before start of cycle
 Exit Criteria: All known P1/P2 Bulk defect fixes have been successfully proven and validated within cycle .

Delta Test Cycle 3:


Objective of Delta Cycle is to rehearse delta activities in preparation for IDR2 Delta application to Production and resolve a number of key open defects.

Entry Criteria: Prioritised Open Defects are fixed before cycle entry
 Exit Criteria: Phase has demonstrated successful closure of open Delta Defects in scope of Delta Test cycle 3

Transition Status Report

Project Nexus: As @ 11 Oct 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Transition
Overall	● ↔
Xoserve	● ↔
Baringa <small>view of Xoserve</small>	● ↔
Participants	● ↔

Workstream Status: 

Programme Trend: 

Since: 27 Aug 16

Transition Background: The Transition Workstream covers the activities required to move the new UK Link solution into production environment and business as usual. The workstream covers the Xoserve activities associated with implementation dress rehearsals, cutover planning, execution, and the key activities and deliverables required. This is to allow market participants to plan and execute the cutover and transition of their own systems and be in a position to participate in the market with the new solution.

Overall RAG Commentary:

- Transition has been rated as Green as a reflection of the successful validation of the UKLP Implementation approach through IDR 1 activities to date.
- Issues identified during the execution of IDR 1 has caused a ~5 day impact to the overall IDR timelines with opportunity to refine through later IDR cycles.
- The execution of Transition business scenarios is progressing as per plan and remains Green. The key areas for attention were shared at TPG on 11 Oct 16.

Achievements since last PNDG:

- IDR 1 activities are progressing broadly to plan (Currently 2 days behind the plan but are still within the 4 week contingency period)
- Go Live Scenarios were tested successfully on 08 Oct 16.
- Daily dashboards have been published to provide the TPG representatives with progress update. T-Cons with the TPG representatives have been held as per plan.
- Post Go Live simulation of a sample NED window catch-up was undertaken successfully in IDR1.

Remediation Action:

- To further build confidence levels, completion of IDR 1 (due mid Oct) and the associated confidence checkpoints (NED Checkpoint and Delta Checkpoint) are required. This will build confidence in the cutover strategy and plan.
- Establishment of a confirmed set of lessons learned and refinement actions for future IDR phases.
- Identify opportunities to test transition arrangements through data migration test cycles e.g. functional testing on back of delta cycles, additional simulations of the 'catch up' process.

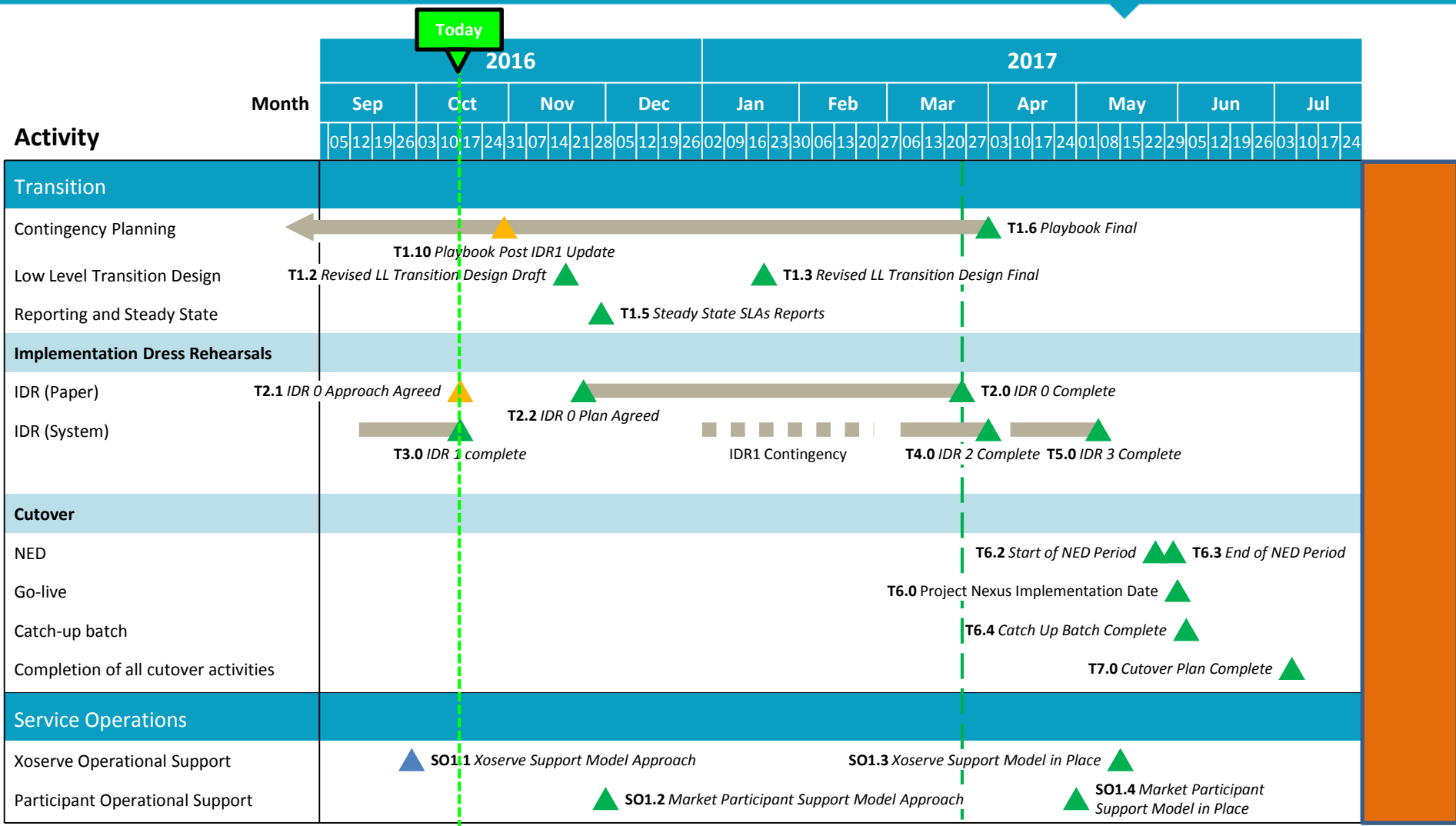
Upcoming activities:

- IDR1 execution closure progressing against the plan. Regular communications with the industry will continue during the week commencing 10 Oct 16.
- A high level overview of the IDR 1 Execution has been presented at TPG on 11 Oct 16 with a more detailed lessons learnt session on 08 Nov 16.
- A Performance Test Walkthrough is scheduled for the TPG on 08 Nov 16
- A Comms Sub-group Workshop is scheduled for the 19 Oct 16. This session will be used to develop the approaches for all communications that need to be issued to third parties regarding Project Nexus.

TPG Key Messages:

- Participants have demonstrated active engagement on the effectiveness of Xoserve IDR communications.
- A lessons learnt session will be held with Xoserve and the TPG on 08 Nov 16 to run through what could remain / be changed for future dress rehearsals.
- The NED proposal for the Jun implementation date highlighted the potential addition of 2 extra NED. Questions have been raised if the MOD for this can be accelerated to allow for additional planning within the industry.

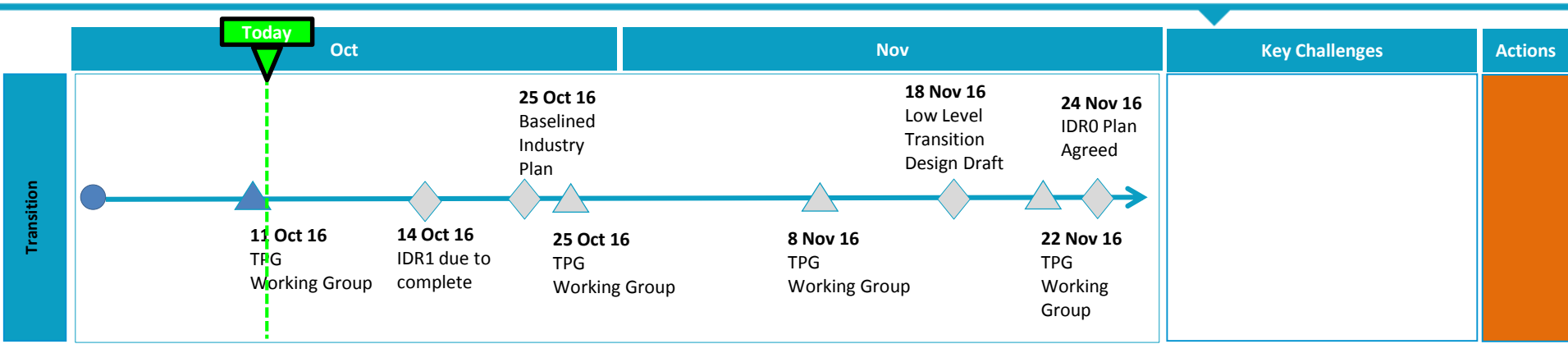
Transition Workstream Plan



Milestone RAG Key:

- ▲ Industry Milestone
- ▬ Industry Activity
- ▬▬▬ Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- ← Slip/expected delay of milestone

Transition Dashboard



Key Challenges	Actions

TPG Products	Status	Owner	Completion Date	RAG
Third Party Communications	In Progress	Comms Subgroup	27 Jan 17	●
Hypercare Approach	In Progress	E.ON	16 Jan 17	●
Cutover Industry Principles & Behaviours	In Review	PwC	25 Oct 16	●
Contingency Planning	In Progress	Contingency Planning Subgroup	23 Jan 17	●
Defining Steady State post go-live	In Progress	Npower, SSE, Xos	30 Nov 16	●
Reporting through cutover and go-live	In Progress	Npower, SSE, Xos	12 Dec 16	●
GONG Evidence Review	In Progress	PwC	25 Oct 16	●
Industry Transition Preparation Document	Baselined	PwC	11 Oct 16	●
Industry Transition Plan	In Review	PwC	25 Oct 16	●
Catch Up Batch Overview	On Hold	Xoserve	20 Jan 17	●
IDR 21 Day Walkthrough	Complete	Xoserve	7 Sep 16	●
Low Level Transition Design	On Hold	Xoserve	20 Jan 17	●
IDRO	In Progress	PwC	24 Mar 17	●

Key Messages:

- The 'Communications Product' has been replaced with the 'Third Party Communications'. This product concerns the drafting of proactive/reactive communications that can be issued to Third Parties concerning Nexus. Updated milestone date to reflect new product.
- Hypercare Approach status updated to in progress with principles and high level approach due at TPG on 08 Nov 16.
- The progression by Sub-groups of any additional products is continuing on track.
- The Industry Transition Prep Document has been baselined under the proviso that this is a living document and will be updated when applicable.
- Industry Transition Plan has been updated to reflect June implementation date. This is out for review with TPG members and due to be baselined on 25 Oct 16
- IDRO approach is currently being drafted with approach due to be approved by 25 Oct 16.

Transition Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R044: Lack of readiness of individual participants could cause adverse impacts on other participants during programme operations</p>	<p>Transition Milestone Affected: Go Live</p>	<p>9</p> <p>Current Rating: <i>Likelihood: (3)</i> <i>Impact: (3)</i></p>	05 Oct 16	<p>1) A044: TPG are to:</p> <p>i) Conduct scenario planning exercises to confirm the impact of a lack of readiness on different participants (e.g. shippers, suppliers, GTs, iGTs), on each other and the market.</p> <p>ii) Report the results of the above to PNDG and recommend if any further mitigating actions are required.</p>	<p>1) i) Complete.</p> <p>ii) Complete. Information on the scenario planning exercises and details about the impact of different participants not being ready for go live was presented at PNDG on 05 Oct 16.</p> <p>Propose to close this risk as all actions are complete.</p>	1) TPG

Transition Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p>R011: The transition approach may not support a high quality, low risk implementation.</p> <p>As a result of delaying the 'low level' transition design and a concern that the overall transition approach is not sufficiently robust, there is a risk that participant's preparation and readiness for go live may impact the transition.</p>	Transition Milestone Affected: Go Live	<div style="text-align: center;"> 9 Current Rating: Likelihood: (3) Impact: (3) </div>	01 Jun 16	1) Cross industry transition planning workstream and PNDG to oversee approach and preparation for transition.	1) Complete	1) TPG
			01 Jun 16	2) Finalise the low level transition approach and detailed cutover plan. Ensure the market is fully aware of the agreed approach and plans.	2) Complete	
			01 Jun 16	3) Determine how a low level dress rehearsal can be best achieved to mitigate the risks associated with an early point of no return and the high level of confidence that is required.	3) Complete	
			24 Oct 16	4) A045: Develop an industry wide transition governance framework that incorporates the GONG criteria.	4) The governance framework has been drafted and is in review. The document will be targeted to be presented at the PNSG on 24 Oct 16.	The due date has been updated to reflect v1.0 of the plan.

Transition Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A044	TPG to i) Conduct scenario planning exercises to confirm the impact of a lack of readiness on different participants (e.g. shippers, suppliers, GTs, iGTs), on each other and the market. ii) Report the results to PNDG and recommend if any further mitigating actions are required.	<ul style="list-style-type: none"> i) Complete. ii) Complete. Information on the scenario planning exercises and details about the impact of different participants not being ready for go live was presented at PNDG on 05 Oct 16. 	TPG		16 Sep 16 → 05 Oct 16	PNDG
A045	Develop an industry wide transition governance framework that incorporates the GONG criteria.	<p>The governance framework has been drafted and is in review. The document will be targeted to be presented at the PNSG on 24 Oct 16.</p> <p>The due date has been updated to reflect v1.0 of the plan.</p>	TPG		30 Aug 16 → 26 Sep 16 → 24 Oct 16	PNDG
A148	<p>PwC to engage with Hypercare owner (E.ON) and develop plan to continue with progress .</p> <p>This action is related to the development of the TPG hypercare product.</p>	TPG lead met with Hypercare lead on 04 Oct 16, they agreed a plan and progress has been initiated. This action is now complete.	TPG		25 Oct 16	PNDG

GONG Status Report

Project Nexus: As @ 11 Oct 16
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	GONG
Overall	n/a
Xoserve	n/a
Baringa <small>view of Xoserve</small>	n/a
Participants	n/a

Workstream Status:

Programme Trend:

Since: TBC

GONG Background: The GONG workstream will track market participants progress against a set of criteria. In collaboration with the cross programme working groups, it will provide a final recommendation to the PNDG / PNSG on market readiness to go-live and the associated risks should all parties not been able to demonstrate go-live readiness. Through the Nexus Portal, participants will self assess their status, the output of which will be reported through the PNDG. Performance will be measured against three 'Gates' where progress against the GONG criteria will be reported, including assurance over participants submission in order to support any recommendation.

Overall RAG Commentary:
 RAG status will be reported once the PMO has commenced gathering participant statuses as part of the GONG assessments.

Achievements since last PNDG:

- GONG Criteria and expected evidence have been reviewed and updated in line with the revised baseline industry plan.

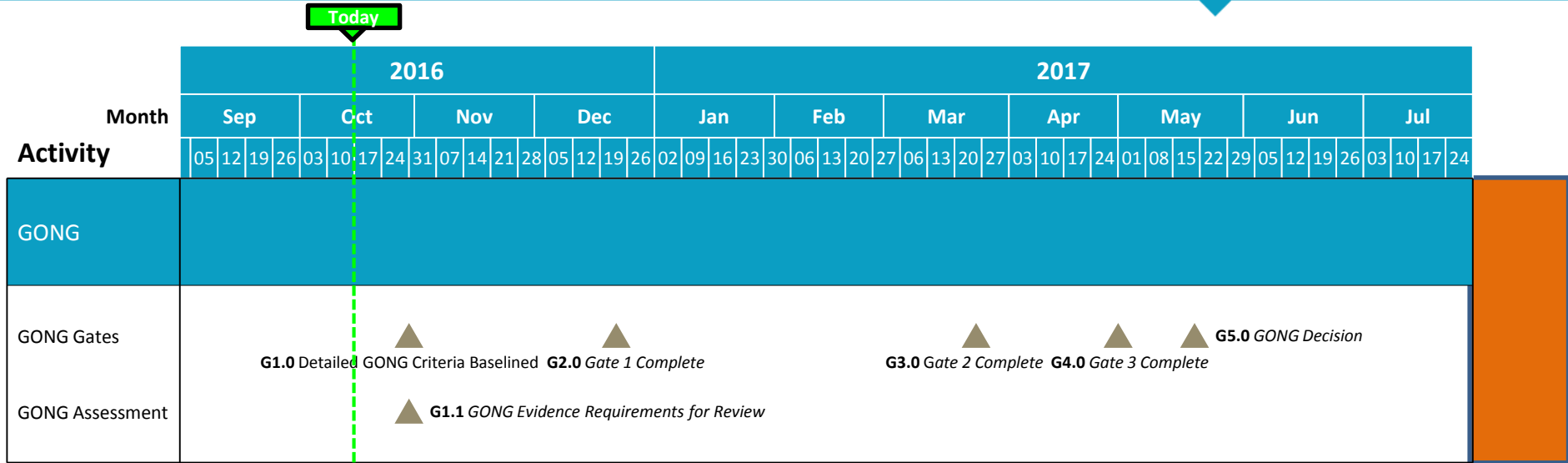
Remediation Action:
 Nothing required at this point

Upcoming activities:

- GONG evidence questionnaire will be launched in late October.
- It will ask participants to review the evidence required to support each GONG criteria at Assessments 1,2 and 3. The output will be reviewed and GONG updated as appropriate.
- A GONG walkthrough session will be held prior to the first GONG Gate.
- The requirement for a GONG cross programme working group will be explored in early November.

Key Messages:
 Nothing required at this point

GONG Workstream Plan



Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- Slip/expected delay of milestone

Appendices

#	Title	Slide
1	Release Management Plan	46 - 48
2	Baringa CSA Programme Report	49 - 51
3	Working Group Meetings	52
4	Hot Topics	53 - 63
5		
6		
7		
8		
9		

xserve



respect > commitment > teamwork

Release Management Plan



05-Aug	12- Aug	19- Aug	26- Aug	2- Sep	9- Sep	16- Sep	23- Sep	30- Sep
Market Trials Execution								



9-Jan 17	-----	26-Mar 17
Regression		

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
05/07/2016	UKLP IADB176 CP 1582.2	Xos_CR_18	File Record Amendment M00 v6.3FA	Description change to indicate the meter index (rather than the uncorrected converter index) will be provided. Files will be issued to Market Trials Users containing the uncorrected converter index. In some instances the composition of the index would be different to User expectation – i.e. if the number of dials are different – but the files should continue to be generated to Users so that they are able to receive and validate these files.	X				Deployment options under review
05/07/2016	UKLP IADB182 CP 1578.3	Xos_CR_19	Amendments to Baseline File Formats U01, U12, U14	This change withdraws a previous change so reverts to Legacy treatment in User systems. The change removes the condition in new UKL that where an AMR Device is present only two readings (corrected and uncorrected index) are required. Users would be able to bypass this condition by removing the AMR device for each meter point.	X				Deployment options under review
26/08/2016	CP TBC -14 th Sept UKLP IADB220	Xos_CR_21	File Format Changes – Gas Owner Act - June 2016	May require functional change for Users. Note: PAC and MRI have already been issued to Shipper Users as no functional change was required.	X	X		X	R12 – Pre Regression
26/08/2016	UKLP IADB230	Xos_CR_23	File Format Changes – EWS FILE TO EMWS	National Grid and Xoserve are the only parties affected. Populating mandatory fields in the EWS file exchanged between Xoserve and National Grid. Content of relevant fields has been agreed and temporary fix has been applied to Market Trials.					R12 – Pre Regression
26/08/2016	CP TBC -14 th Sept UKLP IADBI252	Xos_CR_25	File Format Changes Aug 16 Unique Sites (SOQ/SHQ)	Under analysis, potential to be description changes (admin) but potentially some domain changes (functional) Change pack to confirm	X	X			R12 – Pre Regression

UKLP Market Trials Queries M.I

Query status by constituent type							
	Shipper	iGT	GT	DMSP	Other	Grand Total as at 10/10/2016	Grand Total as at 26/09/2016
Closed	1906	166	499	62	46	2679	2521
Open	16	2	8	0	1	27	37
Grand Total	1923	169	507	62	47	2708	2557

All Open Queries Age Analysis				
	Figure as at 10/10/2016		Figure as at 26/09/2016	
0-10 days	23	85%	34	92%
11+ days	4	15%	3	8%
Total	27	100%	37	100%

All Closed Queries Age Analysis				
	Figure as at 10/10/2016		Figure as at 26/09/2016	
0-2 days	1421	53%	1349	53%
3-5 days	496	18%	447	18%
6-10 days	358	13%	327	13%
11-20 days	202	8%	196	8%
20+ days	206	8%	205	8%
Total	2683	100%	2524	100%

Key Messages:

- 4 Open queries older than 11 days
- 99% of all queries raised are closed.
- 85% of queries are closed within the 10 day SLA with 71% being closed within 5 days.
- 240 queries were received in the last 2 weeks of MT execution, with over 40% being queries on SPA and RGMA



CSA Programme Board Report

UK Link Programme

Client: Xoserve
Date: 12/10/16
Version: V1.0

Reputation built on results

Executive Summary



- ▶ The overall programme status for this period remains **AMBER** – action plans are in flight to address a number of the key risk areas identified during the replan
- ▶ Positive progress has been made within the data workstream with an improvement in the Delta defect position
- ▶ The CR delivery position is also becoming clearer albeit Impact Assessments are still pending for a number of changes and new changes continue to be raised
- ▶ Overall plan performance remains a key concern with UAT and Non Functional Testing milestone dates slipping

KEY RISK AREAS

- ▶ CR deliverability ahead of 'need dates' (MT regression, IDR2, Cutover)
- ▶ Resource management and prioritisation
- ▶ Production readiness of the data migration solution
- ▶ Overall plan volatility

KEY MITIGATION ACTIONS

- ▶ Agree and embed remaining 'step change' responses identified as part of re-plan assurance (E.g. Resource augmentation)
- ▶ Definition of acceptability criteria for Data phases
- ▶ Enhance resource management process to improve prioritisation and granularity of planning
- ▶ Drive a culture change within the Programme to focus on milestone achievement and Go-Live readiness

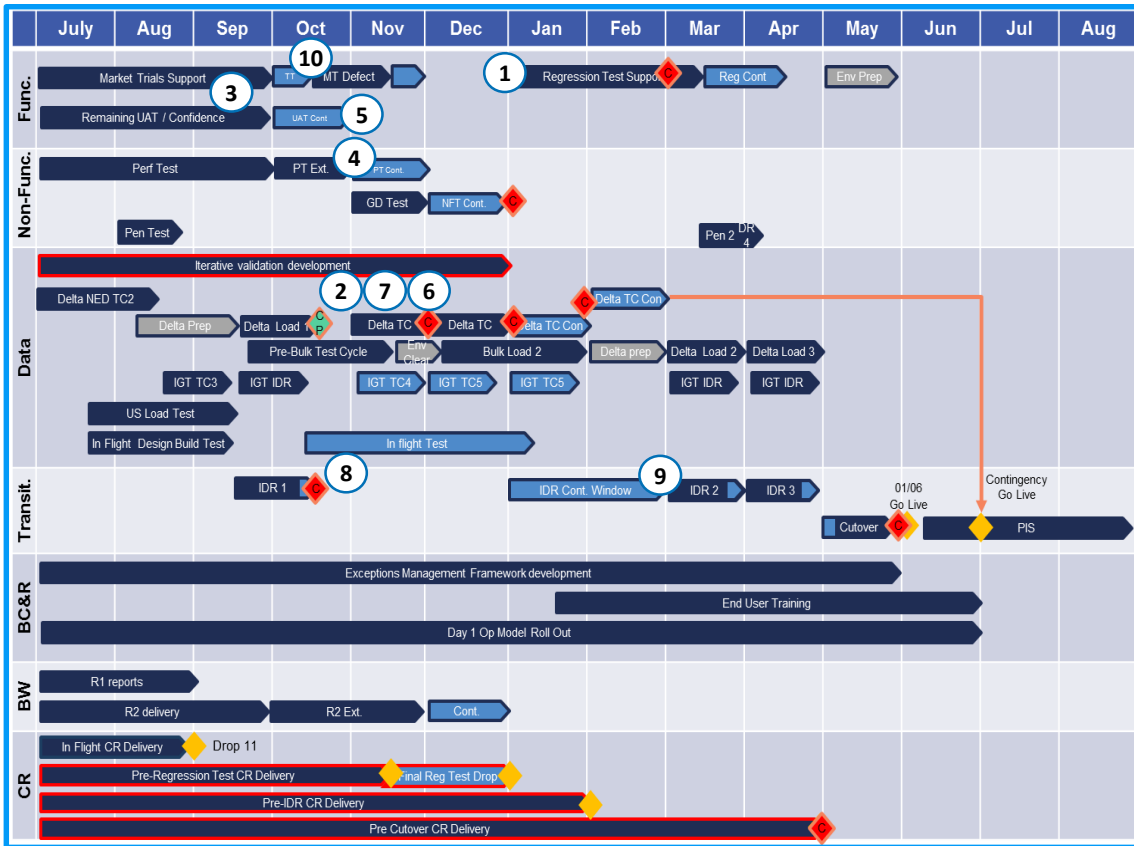
Status

Area	RAG
Programme Delivery	Yellow
Data	Yellow
Market Trials	Yellow
Transition	Green
GNG	Grey

Plan Impact Points



- ▶ Risk impact points have been overlaid onto the high level programme POAP
- ▶ Risks are identified on a 'by exception' basis and whilst contributory, do not directly drive the phase/workstream RAG statuses provided
- ▶ Risk RAG statuses are relative and designed to articulate the potential impact on Programme critical path.



ID	Risk Description
#01	CR delivery - There is a risk that parallel delivery pressures will impact the delivery of CRs that are required to achieve code stability and further go-live readiness. This risk significantly increases if new 'must have' change continues to be identified
#02	Risk of immediate erosion in industry confidence due to near term milestone slippage
#03	Resource assignment & levelling – Current resource mgmt. processes are inadequate to confirm the required Programme resource profile or respond to demand effectively
#04	Performance Test plan performance – There is a risk of continued underperformance against plan, driven by additional time being required to complete tuning activities (or alternative optimisation mechanisms)
#05	UAT close out – Milestones are currently slipping with defects being encountered within the remaining Reconciliation Invoicing scenarios
#06	Delta Data Migration Solution Delivery – delta testing forms the backbone of the critical path and there is a risk the solution will not be proven ahead of the need date for loads to production. This will be tested through remaining Delta test & IDR cycles, using contingency as needed.
#07	Auto validation – Narrowing window of opportunity to deliver the full auto-validation solution, leading to a lack of quantification of the true number of data defects, and an inability to assure data quality ahead of go live
#08	Confidence in Transition processes – There is a risk that IDR1 outcome does not provide confidence in Transition processes
#09	In flight transaction delivery - Current IDR activities only test a subset of in flight transactions, with a lack of clear plan/approach for completion of residual scope
#10	Risk of MT overrun & impact on supportability

Working Group Meetings

Working Group	Next Meeting	Meeting topics
Market Trials Working Group (MTWG)	26 Oct 16	<ul style="list-style-type: none"> Review previous meeting summary and actions Managed MT Progress update Adhoc Managed MT requests (TBC)
Data Management Group (DMG)	20 Oct 16	<ul style="list-style-type: none"> iGT High level and FI Level reconciliation results (to include an obfuscated reconciliation by iGT as well as Shipper) Ratify the updated iGT Ways of Working document Summary of the September t-rule results Review the t-rule criticality matrix to confirm if any changes in priority Share a draft of a "dashboard" that demonstrates current position of Data Cleanse, Migration and Acceptance DM update on IDR1 Feedback on the Reporting Sub-group meeting held 22/9 Discuss and agree any newly required t-rules (as required) Discuss the timetable of any future Data assurance activities
iGT Single Service Provision (SSP)	21 Oct 16	<ul style="list-style-type: none"> Review previous meeting summary and actions Data Preparation progress and review of rejections of data submitted to the iGT migration database Data Quality observations and agree actions to resolve issues Discuss and agree any newly required iGT Transformation Rules Propose and agree functional changes identified by either Xoserve or iGT (e.g. File Formats, Rejection Codes) Discuss any requirements for iGT UNC modifications to support UKLP implementation Confirm details of the Xoserve update session of iGT data activities for DMG on 22/9
TPG	25 Oct 16	<ul style="list-style-type: none"> IDR0 Approach Walkthrough Baselining of the Cutover Industry Principles & Behaviours document Review of the output developed during the Comms Subgroup Workshop Baselining of the Industry Transition Plan

Note:

- 1) SSP lists the general topics covered at their meetings
- 2) TPG, MTWG and DMG lists the topics to be covered at their next meeting

Market Trials Exit

ofgem

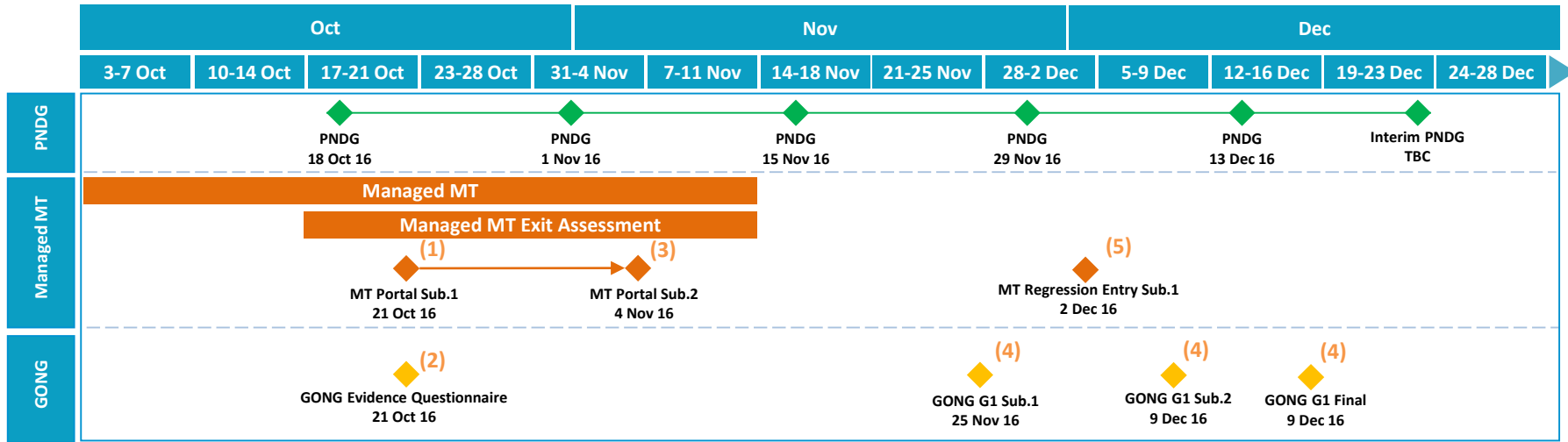
MT Exit Assessment - Process

The process on completion of participants Market Trials plan will be:

- Confirm to your Managed MT PwC contact that you have completed Market Trials and require no further support from Xoserve.
- PwC will review your historic portal submissions to understand your position as well as any documentation previously submitted.
- Once this is completed, you will be sent an email from PwC which will include:
 - A request for further information where applicable. This may include:
 - Summary of test scripts and evidence of completion
 - Final of status reports/dashboard
 - Defect list indicating the final defect position
 - Workarounds which have been accepted by the business (if applicable)
 - Sign-off Market Trials phase exit from appropriate stakeholders
 - On sample basis a request for a site visit or teleconference to clarify PwC's understanding of your MT Exit position and discuss any potential risks.
- This work will form part of a final MT Exit Recommendation to the PNSG.

MT Exit Timeline

MT Exit Timeline – The timeline below shows the sequence of key activities and milestones in a timeline leading to the end of market trials, entry to MT Regression and GONG Gate 1.



MT Portal Sub.1
21 Oct 16 (1)

- All participants complete portal submission based the MT Exit Criteria.
- Additional evidence will be requested to support MT Exit assessment where participants indicate they have completed MT

GONG Evidence Questionnaire
21-Oct-16 (2)

- All participants to complete portal questionnaire outlining the expected evidence for that will required to support the GONG criteria at each GONG assessment point.

MT Portal Sub.2
4-Nov-16 (3)

- All participants complete portal submission based the MT Exit Criteria.
- Additional evidence may be requested to support MT Exit reviews where participants indicate they have completed MT.

GONG Gate 1
25-Nov, 9 & 16 Dec (4)

- All participants to complete a portal submission to RAG themselves against the GONG criteria.
- Additional evidence may be requested to support the G1 assessment point.

MT Regression Entry
2-Dec-16 (5)

- All participants to complete a portal submission to assess readiness to enter the phase based on defined entry criteria.
- Additional assessments may be required based on the outcome of the first submission

Risks & Issues Advisory Group Update

ofgem

Update on RIAG Sessions

Last Meeting

- The first Risk and Issues Advisory Group sessions took place on the 06 and 07 Oct 16.
- The sessions were chaired by PwC and attended by participants from Baringa, British Gas, Brookfield Utilities, EDF, First Utility, Gazprom, Ofgem, Scottish Power, SGN, SSE and Xoserve.
- During the meetings participants reviewed key milestones from each of the programme workstreams (excluding Service Operations and GONG due to time constraints), and outlined key risks and suggested controls/mitigating actions to help reduce the likelihood or impact of the risks discussed.

Major Points Discussed

- During the meeting, participants were particularly keen to discuss factors around the completion of Market Trials, issues concerning change releases and code stability and ideas about transformation rules and reconciliation.
- We agreed that some of these topics would be discussed at upcoming meetings.
- Participants agreed to complete a set of actions that would help resolve some of the key issues that were talked about in the meeting.
- One of the actions was for PwC to set up a teleconference call with Colin Bezant (PwC) and RIAG members, to build a common understanding of data risks. The call took place at Thu 13 Oct 16.

Agenda for Upcoming Meetings

W/C 17 October

- The next RIAG session is taking place on Thu 20 Oct 16 from 10:00am to 2:30pm. Topics that will be discussed include:
 - A review of risks relating to MT2.0 (Market Trials Complete).
 - A discussion on issues relating to code stability.
 - An update on the defect tracking process.

W/C 31 October

- The following session will include topics on:
 - Planning a managed and structured regression approach
 - How to minimise risk when functionality and data first come together at go live.

New Risks proposed at RIAG

Risk & Issues	Workstream	Related Milestone
<p>Risk: New01: There is a risk that parallel delivery pressures will impact the delivery of Change Requests that are required to achieve code stability.</p>	<i>Solution Delivery</i>	<p>PN2.5 <i>R12 Pre-Regression Test Release – SIT Complete</i></p>
<p>Risk: New02: There is a risk that the delivery of final change (file format changes relating to unique sites) does not successfully complete Xoserve's UAT in time to support code stability, prior to regression testing.</p>	<i>Solution Delivery</i>	<p>PN2.0 <i>R12 Pre-MT Regression Test Release</i></p>
<p>Risk: New03: There is a risk of continued underperformance against plan, driven by additional time being required to complete tuning activities (or alternative optimisation mechanisms).</p>	<i>Solution Delivery</i>	<p>PN1.0 <i>Performance Testing Complete</i></p>
<p>Risk: New04: There is a risk that if PN1.0 is late then the 1 month contingency provided for PN3.0 will be consumed before gas day testing commences. A delayed start to gas day testing could also put G2.0 at risk.</p>	<i>Solution Delivery</i>	<p>PN3.0 <i>Gas Day Testing Complete</i></p>
<p>Risk: New05: There is a risk that the scope of testing within the Managed MT phase is too great for Xoserve to support without impacting on their delivery of other elements of the industry plan. This includes the risk that participants identify new tests or request additional testing during the Managed MT phase that results in scope creep.</p>	<i>Market Trials</i>	<p>MT2.0 <i>Market Trials Complete</i></p>
<p>Risk: New07: There is a risk that defects are identified outside of the agreed scope for the Managed MT phase and that these are not raised or logged. This could result in a backlog of defects that only becomes apparent during the MT Exit assessment or during the MT Regression phase.</p>	<i>Market Trials</i>	<p>MT2.0 <i>Market Trials Complete</i></p>

New Risks proposed at RIAG

Risk & Issues	Workstream	Related Milestone
<p>Risk:</p> <p>New08: There is a risk that participants declare that they have completed MT Level 3 but have internal testing outstanding or have not completed all required testing across the mandatory scenarios. This could result in MT being exited when testing is not fully complete increasing the risk of defects / processing issues following go-live or during MT regression.</p>	<i>Market Trials</i>	<p>MT2.0 <i>Market Trials Complete</i></p>
<p>Risk:</p> <p>New09: There is a risk that new dummy data requirements arise following the previous deadline set in August 2016, which Xoserve do not have the resource capacity to fulfil. This may have an adverse impact on participants ability to enter and complete regression testing.</p>	<i>Market Trials</i>	<p>MT3.5 <i>MT Regression Dummy Data: Preparation and Provision</i></p>
<p>Risk:</p> <p>New10: There is a risk that organisations have interpreted the iGT RGMA file format baseline document in different ways. This may not be identified during the MT phase as not all shipper / iGT combination will test together. This could result in an increased number of defects in the MT regression phase or defects arising post go-live.</p>	<i>Market Trials</i>	<p>MT3.0 <i>MT Regression Complete</i></p>
<p>Risk:</p> <p>New11: There is a risk that market participants do not adhere to the same code stability definition and/or milestones as Xoserve, which results in misalignment between participant and Xoserve systems following completion of MT.</p>	<i>Market Trials</i>	<p>MT3.3 <i>MT Code Stability</i></p>
<p>Risk:</p> <p>New12: There is a risk that code stability will not be achieved due to late delivery of PN2.0. This is likely to delay the entry to regression testing unless an agreed mitigation plan exists.</p>	<i>Market Trials</i>	<p>MT3.3 <i>MT Code Stability</i></p>
<p>Risk:</p> <p>New13: MT regression entry criteria are not met resulting to a delay in entering the phase, which has a knock-on impact to the plan.</p> <p>Key entry criteria include achieving code stability (MT3.3); MT Completion (MT3.0) and readiness for testing.</p>	<i>Market Trials</i>	<p>MT3.4 <i>MT Regression Entry</i></p>

New Risks proposed at RIAG

Risk & Issues	Workstream	Related Milestone
<p>Risk: New14: Risk that G1.0 and G1.1 may be delayed due to resource constraints, as PMO resources are focused on managed MT phase. However it is believed that the impact of this is minimal.</p>	GONG	<p>G1.0 <i>Detailed GONG Criteria baselined and</i> G1.1 <i>GONG Evidence Requirements for Review</i></p>
<p>Risk: New15: There is a risk that Performance Testing, which is to be carried out on the iGT bulk load to confirm that the bulk load can be completed within the required timescales may not be completed by mid October. If this happens the milestone may slip and/or the approach may need to be revisited.</p>	Data	<p>D1.3 <i>Pre-IDR2 iGT Data Load Testing Complete</i></p>
<p>Risk: New16: There is a risk that additional contingency iGT test cycle(s) may be added between IDR1 end (09 Oct 16) and IDR2 start (06 March 17) if the outcome of iGT/DM CSEPs migration within IDR1 is not successful.</p>	Data	<p>D1.3 <i>Pre-IDR2 iGT Data Load Testing Complete</i></p>
<p>Risk: New17: There is a risk that additional contingency US test cycles may be commissioned between IDR1 end and IDR2 start depending upon the defect levels encountered within unique sites migration in IDR1.</p>	Data	<p>D1.2 <i>Pre-IDR2 iGT Data Load Testing Complete</i></p>
<p>Risk: New18: Current IDR activities only test a subset of inflight transactions.</p>	Data	<p>D1.6 <i>Pre-IDR2 Inflight Transaction Testing Complete</i></p>
<p>Risk: New19: Narrowing window of opportunity to deliver the auto-validation solution, leading to a lack of quantification of the true number of data defects, and an inability to assure data quality ahead of go live.</p>	Data	<p>D2.1 <i>Bulk Load 2 Start</i></p>

New Risks proposed at RIAG

Risk & Issues	Workstream	Related Milestone
<p>Risk:</p> <p>New20: There is a risk that some iGTs and shippers may not have brought their own systems into compliance according to the T-rule non-compliance plan. If not completed then exceptions could arise post go-live.</p>	<i>Data</i>	<p>D4.4</p> <p><i>T-Rule Non-Compliance Plan Complete (iGT Data)</i></p>
<p>Issue:</p> <p>New21: This milestone will be delayed by 2 weeks as there is no DMG taking place on 05 Oct 16. It will be agreed at DMG on the 20 Oct 16. However the impact of this is minimal as it needs to be considered simultaneously D4.6.</p>	<i>Data</i>	<p>D4.5</p> <p><i>iGT Data Reconciliation - Ways of Working</i></p>
<p>Risk:</p> <p>New22: There is a risk that some iGTs and shippers may not have reconciled the outstanding items that are identified in the DMG monthly reports. If reconciliation is not completed then Xoserve will go into SAP with an incomplete set of data.</p>	<i>Data</i>	<p>D4.7</p> <p><i>iGT Data Reconciliation - Activities Completed to GONG Requirements</i></p>
<p>Risk:</p> <p>New23: There is a risk that IDR1 does not provide sufficient comfort to allow the playbook to be updated.</p>	<i>Transition</i>	<p>T1.10</p> <p><i>Playbook Post IDR1 Update</i></p>
<p>Risk:</p> <p>New24: There is a risk that IDR1 does not provide sufficient comfort to allow the Low Level Transition Design Draft to be updated.</p>	<i>Transition</i>	<p>T1.2</p> <p><i>Revised LL Transition Design Draft</i></p>
<p>Issue:</p> <p>New25: This is currently forecasted to be completed 2 days late due to problems with Delta.</p>	<i>Transition</i>	<p>T3.0</p> <p><i>IDR1 Complete</i></p>
<p>Risk:</p> <p>New26: There is a risk that the 7 NED across all Meter Point Register Numbers are not sufficient to deliver to a June 1 implementation date. This could impact T6.2 or T6.3.</p>	<i>Transition</i>	<p>T6.3</p> <p><i>End of NED Period</i></p>

New Risks proposed at RIAG

Risk & Issues	Workstream	Related Milestone
<p>Risk: New27: There is a risk that data and functionality coming together for the first time at go live could be unsuccessful and cause a stop to the system.</p>	<p><i>Transition</i></p>	<p>T6.0 <i>Project Nexus Implementation Date</i></p>
<p>Risk: New28: There is a risk that something might emerge, which may lead to a change in the go-live date</p>	<p><i>Transition</i></p>	<p>T6.0 <i>Project Nexus Implementation Date</i></p>
<p>Risk: New29: There is a risk that the catch up batch is unable to process the backlog of files generated during the NED period. This could cause disruption to live operations.</p>	<p><i>Transition</i></p>	<p>T7.0 <i>Cutover Plan Complete</i></p>

This document has been prepared by PwC only for Ofgem and solely for the purpose and on the terms agreed with Ofgem in PwC's statement of work (of 1 August 2016, Spec 7) as part of PwC's call-offs under the framework agreement dated 11 April 2016. PwC accept no liability (including for negligence) to anyone else in connection with our work or this document.